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ABSTRACT

Suggestions and guidelines for using the Bureau of the Census' Current Population Survey (CPS) files are provided. CPS is based on the civilian component of a national probability sample of households and is conducted by the Bureau of the Census. The survey gathers employment data on a continuing basis, as well as supplemental information on such things as school enrollment, adult education, voting, and fertility. Currently, the Bureau surveys about 68,000 households monthly. The CPS consists of two independent probability samples; furthermore, each CPS sample consists of eight approximately equal subsamples, known as rotation groups. Because of this design, it is possible to make comparisons on a month-to-month and year-to-year basis. CPS files exist for each month; however, the supplemental items vary from month to month and are not immediately available to the public. The bulk of this document consists of appendices, including a list of supplemental data tapes, most of which are available for use with IBM equipment; publicly available CPS files; selected computer runs; information needed to access the SAS system file; and documentation for selected records. (GDC)

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Technical Report No. ~~25~~ 24

Guide to the Use of Current Population Survey (CPS)

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Prepared by

SAGE
STATISTICAL ANALYSIS GROUP IN EDUCATION

For the

National Center for Education Statistics

U.S. DEPARTMENT OF EDUCATION
Office of Educational Research and Improvement
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TM 870 179

Technical Report 24

GUIDE TO THE USE OF CURRENT POPULATION SURVEY (CPS)

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April 1982

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INTRODUCTION

The Current Population Survey (CPS) is based on the civilian component of a national probability sample of households and is conducted by the Bureau of the Census. The survey gathers employment data on a continuing basis, as well as supplemental information on such things as school enrollment, adult education, voting, and fertility. Currently, the Bureau surveys about 68,000 households monthly (smaller samples were drawn in previous years; for example, 47,000 households were included in the 1978 survey). The CPS consists of two independent probability samples; furthermore, each CPS sample consists of eight approximately equal subsamples, known as rotation groups. Each rotation group is included in the sample once a month on a 4-8-4 basis. Thus, each household in the sample is interviewed once a month for four consecutive months in one year and again for the corresponding time period one year later. Because of this design, it is possible to make comparisons on a month-to-month and year-to-year basis. The purpose of the present documentation is to provide some suggestions and guidelines for using the CPS files. CPS files exist for each month; however, the supplemental items vary from month to month. To limit the discussion, we will focus on one month. We selected October because it contains school enrollment data.

THE USE OF CPS DATA

I. Basic CPS Data

The basic data include the employment and demographic information obtained on individuals for each month of the survey. The record layout of the basic data is the same from January 1968 through December 1972. In January 1973, a new layout was developed which continued through 1979. Currently, the basic data are located in position 1-278 of the record, followed by the supplemental data which vary depending upon the month and year of the survey. Basic CPS data elements are generally quite constant from month to month and from year to year. Basic data include employment information together with the demographic and personal characteristics of those people in and out of the labor force. Detailed information is collected on occupation of workers, wages, duration of unemployment, methods used for locating work, hourly earnings etc. Supplemental data are collected in addition to basic CPS information. These data may be a one-time supplement or may recur over several years. Topics include income components, immunization against selected diseases, participation in adult education, school enrollment, multiple jobholding, marital history, fertility, voting in national elections, food stamp recipiency, and farm work.

Even though supplemental data are collected at the same time as the basic CPS data, it usually takes a substantial amount of time before the supplemental data are available for analyses. For example, the May 1978 CPS contained supplemental data on adult education, and those data were not made available to the public until September 1980. Furthermore, special problems may be encountered. For example, tapes containing the 1978 May CPS data were created on a Univac machine with an unconventional way (in comparison to the IBM system) of blocking variable length records. No IBM system could even copy this data file without special purpose software.

The process of reformatting the tape for an IBM system was time consuming. It should be noted that this is not the usual procedure that

one has to follow on receiving tapes from CPS. In general, the CPS tapes come with standard IBM labels, so that the data files can be easily copied on IBM or similar equipment. The May 1978 CPS tape seems to have been an exception to the rule--possibly it was supplied prior to the implementation of a standard reformatting procedure.

Attachment A contains a description of the supplemental data collected and the availability of public use tapes. The address and telephone number to use when requesting tapes and documentation is:

Customer Services Branch
Data User Services Division
Bureau of the Census
Washington, D.C. 20233

Phone: (301) 449-1600

II. The Use of CPS Files

The first step in using the CPS files is to identify the subject matter and the time frame of interest. Once a request is initiated, it usually takes two to three weeks for the Census to process a request and send out a tape. Several files have been obtained by SAGE, however, and are available at the NIH computer center (see Attachment B).

The structure of most CPS files is hierarchical. The basic unit of the survey is the household. Within a household, data are collected on each individual who lives in that household. Therefore, different ways exist to read the tape depending on whether you want to analyze data by household or by individual.

The data file provided by the Census treats each individual within a household as a single record. There are two basic types of records in the file: the "interview" type and the "noninterview" type. The "interview" type records contain data on persons actually contacted and interviewed. The "noninterview" type records represent persons who could not be reached for an interview and therefore have most of the information missing. Within the interview type, there are two kinds of records, one type for adults and one for children. The adult records apply to individuals who are at least 14 years old, while the children's records apply to individuals aged 13 and under. Prior to 1978, no records exist for children under age 3, as such children were apparently not included in the survey. The "noninterview" type records have the age variable missing and so are not separated into adult and children's categories.

A. Construction of the Data Base

After one has obtained the necessary CPS files and transformed them into IBM standard files, the next step is generally to build a work file, presumably either a SAS or SPSS systems file. When deciding on the variables to be included, several things should be kept in mind. First, there are some differences in the layout of the adult and children's records, so

that it is very important to cross-check the documentation. In many instances where a variable only applies to children, there may be unpredictable values in that same field for the adult record. In addition, there are also some conditional variables whose existence and coding depends on other variables. For example, bytes 423 and 424 of the October 1979 CPS file contain information on grade in school for both the adult and children's records (Attachment I contains record layout formats for the October 1979 CPS data file). The range of the variable is from 01 to 20 for the adult record and from 01 to 17 for the children's records. However, the codes have different meaning depending on whether they identify an adult or child, and failure to recognize these dfferences could lead to gross misinterpretations (see Attachment C). Therefore, we recommend separating the adult records from the children records and the interview records from the noninterview records before running analyses.

After selecting the variables to be included in the analyses, one can start building the work file. In order to demonstrate the process of building the file, a sample program is presented in Attachment D. This can serve as a model on how to set up a SAS file from the CPS data. Since 1977, the documentation for the CPS data file has been consistent, with very little change from year to year. Prior to 1977, one should check the discrepancies between the documentations before using the model.

In the sample program presented in Attachment D, we assume that we want to analyze individual records and therefore that the data are not aggregated by household. The program reads in all the variables from all cases on the 1979 October CPS raw data file and creates a SAS systems file. In practice, it is expensive in computer time to read all the variables from the file because of the size (N=160,666) of the file. This particular SAS file was set up so that researchers at NCES could go directly to a SAS file without having to read the raw data file. However, when reading from the raw data file, the following are things that one should be aware of:

- Missing values are usually indicated by a minus sign "-" (occasionally represented by blanks) on the raw data file, causing a large number of error messages while reading raw data into SAS. Fortunately, SAS will automatically set them to missing. Another way to handle missing values is to read most of the variables as character variables and then program SAS to recognize the fact that all the minus signs should be treated as missing values. However, conversion to numeric values will still be necessary when computing statistics such as means, t-tests, or F-tests.

- In some instances, because the missing value is a minus sign, there were some keytaping errors that caused the data to be misrepresented. For example, byte positions 33-34 contain the information on date of completion of the interview. The range of the variable as indicated in the documentation is 10-29. When a frequency distribution was generated for this variable, however, we found that there were values such as '-8' and '-5' on the file, which appeared to be keytaping errors. These values were accepted by SAS as valid (negative) numbers (while for SAS, a single minus sign is treated as an error and set to missing). It is highly recommended that frequency distributions be run on all variables being used to make sure that they correspond with the values indicated in the documentation.

- There are also occasional discrepancies between the documentation and the actual values of the variables. For the variables describing "reasons for not looking for work" (in byte positions 75 through 85), the documentation indicated that the entries should be zero or one where zero means "no" and one means "yes". The frequency distribution showed that those variables actually had only values of ones and blanks.

A copy of the contents of the SAS system file created by SAGE and the information needed to access the file is provided here (see Attachment E).

B. Aggregation of Data by Household

In some instances, researchers may want to analyze the data aggregated at the household level. In order to aggregate data at the household level, one must sort the data by the household identifier. With SAS, one can then easily aggregate at that level.

A hypothetical example was set up to demonstrate the process of such aggregation. In this example, we sought to find out how many children were going to public/private schools from families with different income levels. In order to obtain estimates for the whole population, the data have to be weighted. In finding out the proper weight to use, we encountered a problem. In the public version of the CPS file, there is only one weight available per record, and this weight varies for different members of the same household. The procedure recommended by the Census is to use the weight of the head of each household. There are three variables that indicate the head of household; these are found in byte positions 96 (relationship to head of household), 111 (indicator for principal person of household) and 169 (household relationship). An attempt was made to determine the consistency between these three variables. Attachment F shows the distribution. The table also shows that for those 54,041 cases indicated as principal person of household, 61% (or 33,220 persons) of them are "wife of head". Thus, head of household and principal person of household are not synonymous. In any event, byte 111 (indicator for principal person of household) was used for choosing which weight to use in the analysis.

The first step was to make a special run to determine that there was always a principal person for each household. In order to pick up the weight of the principal person in each household, we sorted the data by household and then within each household, by the descending order of the indicator for principal person (in byte 111 with PPH as the variable name

on the SAS system file, where 1=yes 0=no). This sorting procedure is necessary so that the first record within each household will always be the "head of the household". Special precaution was taken to recode the children's records, since all children's records had a "2" in position 111. According to the documentation, that position was "plugged" with 2s for all children's records. In addition, the family income variable (which should be identical for each member of the household) was checked to assess the accuracy of the household identifier.

Attachment G shows the sample program created for this analysis. Because each household can have more than one child enrolled in school, the household record is therefore duplicated to reflect that.

In some CPS files (such as May CPS), there is a supplemental weight for those cases where supplemental data are available. One should use the supplemental weight only if the analysis includes the supplemental data, otherwise the regular weight should be applied. Prior to running your analyses, it is a good idea to try to run the data to produce some previously published tables. This will help you to determine whether you are using the correct weight.

A standard practice in many research reports is to represent the weight in thousands. This is a particularly good idea if you are summarizing results from a very large CPS sample since the sums of weights (population Ns) will overflow the print format limits of many statistical routines. By dividing each weight by one thousand, you can avoid such overflow problem.

One additional caution is that most of the weights in the CPS have two implied decimal points. In an early version of the May 1975 CPS documentation (I hope that this mistake has been fixed in the later version of the documentation), the supplemental weight (at position 260-270) was indicated as "Basic adjusted weight for noninterview records" without specifying that it also should have two implied decimal points. Therefore, one of the most important steps is not only to make sure which weight is the right one to use, but also to be sure that you are using the right format for reading the weight.

C. Merging of Data Files

While the CPS surveys are essentially cross-sectional, there is still some potential for truly longitudinal analyses. Each household is surveyed more than once, and the pattern of recycling households results in a number of households being included in any two consecutive year surveys. In order to analyze changes in these households (or in the individuals in these households), one must merge the data files from the two years. There are some potential problems:

- Data cannot be merged solely on the household identifier. The household identifier remains the same even when the original respondent family has moved away and a new family has moved in. Criteria for determining whether the same individual or family is responding from a given household have to be selected to be included in the merging process. These criteria must use variables that could not have changed. In matching cases, we used race, sex, grade and age of all household members in addition to the household identifier.

- Even when a family did not move, there may have been changes in its composition due to marriages, separations, deaths, children being born or adopted, and children moving out to live on their own.

- While household identifier, race, and sex remain the same throughout the process, age and grade do change. A person can stay at the same age, be one year older, or even be two years older in the next available CPS data depending on when a person's birthday was and also the time when the survey took place (e.g., for the October survey, those persons whose birthday is in October would vary with their age depending on what day the interview actually took place, whether it was before or after the exact birthday). The same applies to school grade, especially for age 25 or younger.

- In theory, we would never be able to match 100% of all the cases in a given year; due to sampling design, only 50% of the household identifiers from one year will match identifiers in the next year. (However, the household identifiers may still remain the same.) Next, one must consider the "move" rate, which the Census indicated was about 20%. Therefore, while attemping to match cases between two or more CPS files, the target should be about 30% of the entire sample for any particular year.

- During the merging process, some duplicate records were discovered on the 1978 CPS file. In this instance, we had to determine whether a duplicate case should be deleted or be treated as another member of the same household that happened to have the same sex, race, age, grade, and case weight. One could argue that because weight is generated based on geographic location, race, and sex, two persons who have the same criteria could have been twins, or simply two persons in the same household. After further examination of the data, we discovered that there was one particular household where each individual record in that household was entered into the system twice by mistake. This kind of duplication was confirmed by The Census. Therefore, before the actual merging, the 1978 data had to be "cleaned" before it could be merged with the 1979 data.

- In one instance, while attempting to match 1974 and 1975 data, we found that there were an unusually large number of unmatched children's records. After dumping their data, we found that the unmatched records were the exact duplicate of the set of matching children's records. The only difference was that these records had some part of the household identifiers systematically blanked out, causing them not to match with anything. (Note that these duplicates would be left undetected if one were using only a single year's data, and therefore the results would be inappropriately inflated.)

The merging process that we developed actually had two steps. The first step was to generate a summary record for each household in each file. The summary record contained the household identification number, the number of people in that household, and the race, age, grade, and sex of each individual. Individuals with missing data in all race, age, grade, and sex categories were then deleted from the summary record. (Approximately 8% of the individuals in each file were deleted because of missing data.) We then merged the files on the household identifier, keeping summary records only for those households included in each survey.

The second step was to attempt to match individuals within each household and to determine whether the same family had, in fact, been surveyed both years. Within each household, we counted the number of matches on sex, race, grade, and age across the two years (matching age and grade to within one year). The number of matches was divided by the number of family members to give a statistic that did not depend on family size. Where the number of family members differed in the two years, the smaller number was used as the base, since this was the maximum number of matches. After looking at the frequency of the matched rate on match statistic (overall and separately by family size; see Attachment H), we set a cutoff of 60% for our match statistic. If fewer than 60% of the household members were matched, the household was judged to have a different family and none of the individual matches were retained. This appears to be a reasonable compromise between accepting all individual matches within each household and accepting individual matches only where there was perfect agreement for all household members across the years.

Attachment H contains sample programs that attempted to match the 1979 data to that of 1978; it includes two tables.

ATTACHMENT A

ATTACHMENT A *

Current Population Survey Supplements

Survey Month	Supplement Data Collected (Projected through December 1980)	Supplement Years	Years for Which Files are Available
January	Job Tenure and Occupational Mobility	1973, 1978	1973, 1978
	Job Findings of the Employed	1973	1973
February	No Supplements		
March	Annual Demographic	1968-1980	1968-1980
April	Food Stamp Participation	1975-1977	1977
	Volunteer Work	1974	---
	Swine Flu Immunization	1977	---
	Child Support and Alimony Payments	1979	---
May	Multiple Jobholding and Preminum Pay	1969-1980	1969-1979
	Adult Education	1969, 1972 1975, 1978	1972, 1978
	Private Household Workers	1971	1971
	Post Secondary School Enrollment	1974	---
	Job Search of the Unemployed	1976	1976
	Job Search of the Employed	1977	1977
	Pension Plan Coverage	1979	1979
	Shiftwork/Flexitime	1980	---

* Supplied by the Bureau of the Census, Data User Services division

June	Fertility and Birth Expectations	1971-1980	1976
	Marital and Birth History	1971, 1975 1980	1975
	Child Care	1977	---
July	Languages	1975	---
August	Food Stamp Participants	1974-1977	1977
	School Lunch Program Participants	1977	1977
September	National Immunization	1969-1972 1974-1980	1978, 1979
October	School Enrollment	1968-1980	1968, 1969, 1973-1979
	Recent College Graduates	1971, 1972	---
	Post Secondary School Enrollment	1973	1973
November	Voting	1968, 1970 1972, 1974 1976, 1978 1980	1972, 1976 1978, 1980
	Ethnic Background and Literacy	1969	1969
	Multiple Jobholding	1970	---
	Private Household Workers	1974	---
	Origin and Foreign Language for Adults	1979	---
December	Farm Wage Workers	1971-1977 1979	1975, 1977 1979
	Food Stamp Participation	1975	1975

ATTACHMENT B

ATTACHMENT B

CPS FILES AVAILABLE FROM NIH COMPUTER CENTER

A. October CPS Files

Data Set Name	Serial #	Record Length Block Size	N of Cases	Access Account
NIHD.VLJ1TOO.OCTPS.SUPP74	035940 046178	480/12,000 (1600 bpi)	136,608	WPG4TOO
NIHD.VLJ1TOO.OCTPS.SUPP75	014301 014332	480/12,000 (1600 bpi)	134,898	WPG4TOO
NIHD.VLJ1TOO.OCTPS.SUPP76	011998 014637	480/12,000 (1600 bpi)	133,697	WPG4TOO
WPG4TOO.OCTCPS.SUPP77	044411	480/28,800 (6250 bpi)	146,292	WPG4TOO
WPG4TOO.OCTCPS.SUPP78	034166	480/28,800 (6250 bpi)	162,116	WPG4TOO
WPG4TOO.CPSOCT79.SRTD	044583	600/24,000 (6250 bpi)	160,666	WPG4TOO
WPG4TOO.CPSOCT79.SAS	044716 044717	SAS FILE (6250 bpi)	160,666	WPG4TOO

ATTACHMENT B (Continued)

CPS FILES AVAILABLE FROM NIH COMPUTER CENTER

B. May CPS Files

Data Set Name	Serial #	Record Length Block Size	N of Cases	Access Account
ADLTED.PART.DEMGRAP.Y1969*	054073	240/12,000 (1600 bpi)	109,300	WPG4TOO
ADLTED.PART.Y1969**	012728	1,096/9,864 (1600 bpi)	8,942	WPG4TOO
ADLTED.PART.DEMGRAP.Y1972*	010580	240/12,000 (1600 bpi)	103,189	WPG4TOO
ADLTED.PART.Y1972**	055346	1,290/3870 (1600 bpi)	9,409	WPG4TOO
VLX1ROK.PAE.MAY75***	054744 054805 033209 032909	1,240/12400 (1600 bpi)		WPG4TOO
ADLTED.PART.Y1975**	032115	1236/18540 (1600 bpi)	9,714	WPG4TOO

NOTE: * Contains basic CPS data for those who did not participate in Adult education.

** Contains only those cases who participated in adult education.

*** Contains both participants and non-participants of the May 1975 survey.

ATTACHMENT C

Differences between Adult records and children Records
For Bytes 423-424 Grade Attending

Code	Adult record	Children record
01	Grade 1	Nursery - Full Day
02	Grade 2	Nursery - Part Day
03	Grade 3	Kindergarten - Full Day
04	Grade 4	Kindergarten - Part Day
05	Grade 5	Grade 1
06	Grade 6	Grade 2
07	Grade 7	Grade 3
08	Grade 8	Grade 4
09	High School 1	Grade 5
10	High School 2	Grade 6
11	High School 3	Grade 7
12	High School 4	Grade 8
13	College 1	High School 1
14	College 2	High School 2
15	College 3	High School 3
16	College 4	High School 4
17	College 5	Special School
18	College 6+	(Code NA to child record)
19	Special School	(Code NA to child record)
20	Not Applicable	(Code NA to child record)
--	Not in universe	

ATTACHMENT D

```
* SAVED AS CPS79.RUN1;
*****************************************************************
*****************************************************************
*****                                                       *****
*****     CURRENT POPULATION SURVEY   OCTOBER 1979          *****
*****                                                       *****
*****     TYPE OF UNIT: Unit observation is individuals     *****
*****                   within each household               *****
*****     UNIVERSE: The universe is the civilian non-       *****
*****               institutional population living in      *****
*****               housing units.  Persons 14 and over     *****
*****               living in sampled housing units have    *****
*****               an adult record.  Children 0-13 have    *****
*****               child records.  A probability sample    *****
*****               is used in selecting housing units      *****
*****      SUBJECT-MATTER DESCRIPTION: The file provides    *****
*****              data on labor force activity, employ-    *****
*****              ment status, occupation, and industry    *****
*****              of persons 14 years and over.  Education *****
*****              data are provided for adults and         *****
*****              children.  Information includes current  *****
*****              school enrollment, type of school in     *****
*****              which enrolled and grade attending for   *****
*****              all persons 3 and older.                 *****
*****       GEOGRAPHIC COVERAGE:  Individual states are     *****
*****                  identified and ranked by population  *****
*****                  size (1970).  Forty-four SMSA's are  *****
*****                  identified and ranked by size in 1970.*****
*****       FILE SIZE: 160,666 records                      *****
*****                                                       *****
*****       SAS FILE: The current SAS file contains all     *****
*****                 the variables from the file and it    *****
*****                 consists of 1 observation for         *****
*****                 individual within each household.     *****
*****                                                       *****
*****                                                       *****
*****************************************************************
*****************************************************************
*****;
    DATA TAPEOUT.CPSOCT79;
         INFILE TAPE79;
```

ATTACHMENT D

```
INPUT INTTYPE       1  MONTH        2  ID         $4-15
      REGION       16  DIVISION     17  STATE     17-18
      STRANK    19-20  SMSA      21-22  ICHECK      23
      RESP       $ 31  INTYPE       32  DATECMP   33-34
      LTWORK       37  NONINTR      37  LOCTYPE   37-38
      HRLTWK       38  REASON1      38  NOWORK      39
      LKWORK       40  ROTGRP       41  LANDUSE     43
      LIVTYPE   44-45  NEWFARM      46  SMSAST1     47
      HHOLDNUM     48  MAJACT       49  HRWK1     50-51
      WORK35       52  WORKN35   53-54  ABSENT1     55
      WAGES1       56  HOUR35       57
      (FINDWK1-FINDWK7)             (1.)
      REASON2      65  WKWORK    66-67  FTPTJOB     68
      REASON3      69  REASON4      70  WORK2WKS    71
      PAY1         72  REASON5      73  REGJOB      74
      (NOWORK1-NOWORK11)            (1.)
      WORK12MS     86  WKCLASS1     87  INDCODE   88-90
      OCPCODE   91-93  RESP2     94-95  RELHEAD     96
      AGE       97-98  MARITAL      99  RACE       100
      SEX          101  VET         102  HIGRDATD 103-104
      HIGRDCMP     105  ESR         109  PPH        111
      MONTH2 118-119  YEAR        120  WTS     121-132  2
      SMSAST2      151  CCSTAT      152  SMSASZ     154
      ETHNIC       155  WTAGE    157-158  RACER      160
      PTSTAT       163  RACESEX     164  AGEWAGE    165
      LFSTAT       166  FTPT        167  EXPLF      168
      HHREL        169  EMPCLASS    170  MAJOCC     171
      LFTM         172  EMPDUR      173  CIVLF      174
      (LABOR1-LABOR21)              (1.)  FTLFR      196
      AGE1    199-200  AGE1A    201-202  AGE2    203-204
      MAJACT2 205-206  AGE4     207-208  EMPLSTAT 209-210
      MARAGE1 211-212  MARSTACT 213-214  MAJIND2 215-216
     WKCLASS2 217-218  MAJIND1  221-222  CLWORK      219
     INDCODE2 223-224
      MAJOCC1 225-226  OCCCODE 227-228  MANUF   229-230
      REASON6 231-232  WORK1_34 233-234  DETHRS  235-236
      HWKPAY  237-238  (ALLOC1-ALLOC36) (@241 36*1.)
      TENURE       364  INCOME     $365  BOYS        366
      GIRLS        367  INTCHK1      418  COL1        419
      ENRL1        421  SCH          422  GRDATD  423-424
      GRDATDCD 423-424  COL2         425  ENRL2       426
      INTCHK2      427  YRLSTATD     428  HSGRD       429
      SCHATDR      432  OCCHRD       435  EDHRD       436
      SEXR         437
      INCOME1R     438  INCOME2R     439  AGE1R       440
      AGE2R        441  AGE3R        442  ENR1R       443
      SPSCHSEX     444  EDSTAT1R     445  EDSTAT2R    446
      EDSTAT3R     447  ENR1R        448  ENR2R       449
      EDSTAT4R  455-456  FLAG         529  WEEKHRS 530-531
      PAYHRS       532  HRPAYS   533-536  WKPAYS1 537-540
      WKPAYS2 547-550;
*;
     LENGTH WTS 8 OCPCODE INDCODE HRPAYS WKPAYS1 WKPAYS2 3
            DEFAULT=2;
*.
```

ATTACHMENT E

ATTACHMENT E

JOB CONTROL LANGUAGE TO ACCESS THE CPS 1979 SAS SYSTEM FILE AT NIH COMPUTER CENTER

```
//OCTCPS79  JOB (WPG4,252,C,200,500)
/*MESSAGE  044716,R;044717,R
/*ROUTE  XEQ 9T6250
/*ACCESS  WPG4TOO
//  EXEC RUNSAS,OPTIONS='S=72 NOOVP',REGION=900K,SORT=20
//WORK DD SPACE=(CYL,(50,50)),UNIT=SYSDA
//TAPEIN  DD DSN=WPG4TOO.CPSOCT79.SAS,VOL=SER=(044716,044717),
//     DISP=(OLD,KEEP),UNIT=9T6250,LABEL=1
//SYSIN  DD *
```

(the system file name is CPSOCT79)

CONTENTS OF SAS DATA SET TAPEOUT.CPSOCT79

TAPE FORMAT DATA SET CREATED BY JOB TOOCPS79 AT 18:53 WEDNESDAY, NOVEMBER 18, 1981 BY SAS RELEASE 79.5

DSNAME=WPG4TOO.CPSOCT79.SAS INFILE(DSN=WPG4TOO.CPSOCT79.SRTD VOL=SER=044583) BLKSIZE=13030 LRECL=443 GENERATED BY DATA

LIST OF VARIABLES BY POSITION

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LABEL
1	INTTYPE	NUM	2	4			INTERVIEW TYPE
2	MONTH	NUM	2	6			MONTH IN SAMPLE CODE
3	ID	CHAR	12	8			HOUSEHOLD IDENTIFICATION NUMBER
4	REGION	NUM	2	20			GEOGRAPHIC REGION CODE
5	DIVISION	NUM	2	22			GEOGRAPHIC DIVISION CODE
6	STATE	NUM	2	24			GEOGRAPHIC STATE CODE
7	STRANK	NUM	2	26			STATE POPULATION SIZE RANK
8	SMSA	NUM	2	28			SMSA RANK BY SIZE
9	ICHECK	NUM	2	30			INTERVIEW CHECK
10	RESP	CHAR	1	32			LINE NUMBER HOUSEHOLD RESPONDENT
11	INTYPE	NUM	2	33			INTERVIEW TYPE
12	DATECMP	NUM	2	35			DATE COMPLETED
13	LTWORK	NUM	2	37			WORKED LAST WEEK
14	NONINTR	NUM	2	39			RACE OF HEAD (NONINTERVIEW TYPE A ONLY)
15	LOCTYPE	NUM	2	41			REASONS FOR NONINTERVIEW (TYPE B/C ONLY)
16	HRLTWK	NUM	2	43			HOURS WORKED LAST WEEK
17	REASON1	NUM	2	45			REASON FOR NONINTERVIEW (TYPE A ONLY)
18	NOWORK	NUM	2	47			ABSENT OR LAYOFF FROM JOB LAST WEEK
19	LKWORK	NUM	2	49			LOOKING FOR WORK LAST 4 WEEKS
20	ROTGRP	NUM	2	51			ROTATION GROUP CODE
21	LANDUSE	NUM	2	53			FARM-NONFARM (RECODE)
22	LIVTYPE	NUM	2	55			TYPE OF LIVING QUARTERS
23	NEWFARM	NUM	2	57			NEW FARM DEFINITION
24	SMSAST1	NUM	2	59			SMSA STATUS CODE
25	HHOLDNUM	NUM	2	61			HOUSEHOLD NUMBER
26	MAJACT	NUM	2	63			MAJOR ACTIVITY LAST WEEK
27	HRWK1	NUM	2	65			HOURS WORKED LAST WEEK
28	WORK35	NUM	2	67			USUALLY WORKED 35 HRS PER WEEK
29	WORKN35	NUM	2	69			REASON NOT WORKING 35 HRS PER WEEK
30	ABSENT1	NUM	2	71			WHY ABSENT LAST WEEK
31	WAGES1	NUM	2	73			WAGES FOR TIME OFF(ESR=2 ONLY)
32	HOUR35	NUM	2	75			WORK 35+ HRS AT THIS JOB(ESR=2 ONLY)
33	FINDWK1	NUM	2	77			CHKD PUBLIC EMPLOY AGENCY (ESR=3 ONLY)
34	FINDWK2	NUM	2	79			CHKD PRIVATE EMPLOY AGENCY(ESR=3 ONLY)
35	FINDWK3	NUM	2	81			CHKD EMPLOYER DIRECTLY(ESR=3 ONLY)
36	FINDWK4	NUM	2	83			CHKD WITH FRIENDS/RELATIVES(ESR=3 ONLY)
37	FINDWK5	NUM	2	85			PLACED OR ANSWERED ADS(ESR=3 ONLY)
38	FINDWK6	NUM	2	87			DID NOTHING TO FIND WORK(ESR=4-7 ONLY)
39	FINDWK7	NUM	2	89			OTHER METHODS USED(ESR=3 ONLY)
40	REASON2	NUM	2	91			WHY STARTED LOOKING FOR WORK(ESR=3 ONLY)
41	WKWORK	NUM	2	93			WEEKS LOOKING FOR WORK (ESR=3 ONLY)
42	FTPTJOB	NUM	2	95			LOOKING FOR FULL/PART TIME WK(ESR=3 ONLY
43	REASON3	NUM	2	97			REASON NOT TAKE JOB LAST WEEK(ESR=3)
44	REASON4	NUM	2	99			REASON COULD NOT TAKE WORK LAST WEEK
45	WORK2WKS	NUM	2	101			LAST WORKED FULL TIME 2+ WEEKS(ESR=3)
46	PAY1	NUM	2	103			LAST WORKED FOR PAY(ESR=4-7 & MONTH=4/8)
47	REASON5	NUM	2	105			WHY LEFT JOB

48	REGJOB	NUM	2	107	WANT REGULAR JOB NOW
49	NOWORK1	NUM	2	109	NOT LOOK FOR JOB-BELIEVE NO WORK AVAILAB
50	NOWORK2	NUM	2	111	NOT LOOK FOR JOB-COULD NOT FIND ANY WORK
51	NOWORK3	NUM	2	113	NOT LOOK FOR JOB-LACK NECESSARY SCHOOLIN
52	NOWORK4	NUM	2	115	NOT LOOK FOR JOB-EMP THINK TOO YOUNG/OLD
53	NOWORK5	NUM	2	117	NOT LOOK FOR JOB-PERSONAL HANDICAP
54	NOWORK6	NUM	2	119	NOT LOOK FOR JOB-CANNOT ARRANGE CHILDCAR
55	NOWORK7	NUM	2	121	NOT LOOK FOR JOB-FAMILY RESPONSIBILITIES
56	NOWORK8	NUM	2	123	NOT LOOK FOR JOB-IN SCHOOL OR TRAINING
57	NOWORK9	NUM	2	125	NOT LOOK FOR JOB-ILL HEALTH
58	NOWORK10	NUM	2	127	NOT LOOK FOR JOB-OTHER
59	NOWORK11	NUM	2	129	NOT LOOK FOR JOB-DO NOT KNOW
60	WORK12MS	NUM	2	131	INTEND TO LOOK FOR WORK NEXT 12 MOS
61	WKCLASS1	NUM	2	133	CLASS OF WORK
62	INDCODE	NUM	3	135	DETAILED INDUSTRY
63	OCPCODE	NUM	3	138	OCCUPATION CODE (CURRENT JOB)
64	RESP2	NUM	2	141	LINE NUMBER OF RESPONDENT
65	RELHEAD	NUM	2	143	RELATIONSHIP TO HEAD
66	AGE	NUM	2	145	AGE IN SINGLE YEARS
67	MARITAL	NUM	2	147	MARITAL STATUS
68	RACE	NUM	2	149	RACE
69	SEX	NUM	2	151	SEX
70	VET	NUM	2	153	VETERAN STATUS (MALE ONLY)
71	HIGRDATD	NUM	2	155	HIGHEST GRADE ATTENDED
72	HIGRDCMP	NUM	2	157	COMPLETED HIGHEST GRADE ATTENDED
73	ESR	NUM	2	159	EMPLOYMENT STATUS (RECODE)
74	PPH	NUM	2	161	INDICATOR FOR PRINCIPAL PERSON IN HH
75	MONTH2	NUM	2	163	MONTH OF SURVEY
76	YEAR	NUM	2	165	LAST DIGIT OF YEAR
77	WTS	NUM	8	167	WEIGHT
78	SMSAST2	NUM	2	175	SMSA STATUS CODE
79	CCSTAT	NUM	2	177	CENTRAL CITY STATUS CODE
80	SMSASZ	NUM	2	179	SMSA SIZE
81	ETHNIC	NUM	2	181	ETHNICITY
82	WTAGE	NUM	2	183	WEIGHTING AGE (RECODE)
83	RACER	NUM	2	185	RACE (RECODE)
84	PTSTAT	NUM	2	187	PART-TIME STATUS
85	RACESEX	NUM	2	189	RACE-SEX (RECODE)
86	AGEWAGE	NUM	2	191	AGRICULTURE WAGE AND SALARY
87	LFSTAT	NUM	2	193	LABOR FORCE STATUS
88	FTPT	NUM	2	195	FULL-TIME OR PART TIME STATUS
89	EXPLF	NUM	2	197	EXPERIENCED LF EMPLOYMENT STATUS
90	HHREL	NUM	2	199	HOUSEHOLD RELATIONSHIP
91	EMPCLASS	NUM	2	201	EMPLOYED CLASS OR WORKER
92	MAJOCC	NUM	2	203	MAJOR OCCUPATION
93	LFTM	NUM	2	205	LABOR FORCE BY TIME WORKED OR LOST
94	EMPDUR	NUM	2	207	DURATION OF UNEMPLOYMENT
95	CIVLF	NUM	2	209	CIVILIAN LABOR FORCE
96	LABOR1	NUM	2	211	UNEMPLOYED
97	LABOR2	NUM	2	213	UNEMPLOYED 15 WEEKS OR MORE
98	LABOR3	NUM	2	215	OTHER NOT IN LABOR FORCE
99	LABOR4	NUM	2	217	FULL TIME LABOR FORCE
100	LABOR5	NUM	2	219	LOOKING FOR FULL TIME WORK
101	LABOR6	NUM	2	221	WAGE & SALARY WORKER
102	LABOR7	NUM	2	223	EMPLOYED PERSONS

103	LABOR8	NUM	2	225	EMPL PERSONS (EXCLU FARM WK & PRIVATE HH
104	LABOR9	NUM	2	227	EXPERIENCED LABOR FORCE
105	LABOR10	NUM	2	229	FULL TIME EXPERIENCED LF
106	LABOR11	NUM	2	231	FULL TIME EMP AND ECONOMIC PT
107	LABOR12	NUM	2	233	NON-AGRICULTURAL INDUSTRIES
108	LABOR13	NUM	2	235	NON-AGRICULTURE WAGE & SALARY WORKER
109	LABOR14	NUM	2	237	AGRICULTURE
110	LABOR15	NUM	2	239	WHITE COLLAR WORKERS
111	LABOR16	NUM	2	241	BLUE COLLAR WORKERS
112	LABOR17	NUM	2	243	MANUFACTURING WAGE & SALARY
113	LABOR18	NUM	2	245	PRIVATE WAGE & SALARY
114	LABOR19	NUM	2	247	PART TIME FOR NONECONOMIC REASONS
115	LABOR20	NUM	2	249	PERSONS SEEKING FULL TIME WORK
116	LABOR21	NUM	2	251	UNEMPLOYED. NO PREVIOUS WORK EXP
117	FTLFR	NUM	2	253	FULL TIME LABOR FORCE (RECODE)
118	AGE1	NUM	2	255	AGE1 (RECODE)
119	AGE1A	NUM	2	257	AGE1A (16-21 YEARS)
120	AGE2	NUM	2	259	AGE2 (RECODE)
121	MAJACT2	NUM	2	261	MAJOR ACTIVITY (AGES 16-24)
122	AGE4	NUM	2	263	AGE4
123	EMPLSTAT	NUM	2	265	EMPLOYED STATUS-CIVILIAN
124	MARAGE1	NUM	2	267	MARITAL STATUS BY AGE1
125	MARSTACT	NUM	2	269	MARITAL STATUS BY ACTIVITY
126	MAJIND2	NUM	2	271	MAJOR INDUSTRY (II)
127	WKCLASS2	NUM	2	273	DETAILED CLASS OF WORKED
128	MAJIND1	NUM	2	275	MAJOR INDUSTRY(II)
129	CLWORK	NUM	2	277	CLASS OF WORKER
130	INDCODE2	NUM	2	279	DETAILED INDUSTRY CODE
131	MAJOCC1	NUM	2	281	MAJOR OCCUPATION GROUP(I)
132	OCCCODE	NUM	2	283	DETAILED OCCUPATION
133	MANUF	NUM	2	285	MANUFACTURING
134	REASON6	NUM	2	287	REASON NOT AT WORK OR HOURS AT WORK
135	WORK1_34	NUM	2	289	AT WORK 1-34 HOURS BY HOURS AT WORK
136	DETHRS	NUM	2	291	WORKING 1-34 HRS (NORMALLY WORK F.T.)
137	HWKPAY	NUM	2	293	REASON NOT AT WORK & PAY STATUS
138	ALLOC1	NUM	2	295	ALLOCATED ITEM5A
139	ALLOC2	NUM	2	297	ALLOCATED ITEM4
140	ALLOC3	NUM	2	299	ALLOCATED ITEM5B
141	ALLOC4	NUM	2	301	ALLOCATED ITEM 9
142	ALLOC5	NUM	2	303	ALLOCATED ALL LABOR FORCE ITEMS
143	ALLOC6	NUM	2	305	ALLOCATED EMPLOYMENT STATUS RECODE
144	ALLOC7	NUM	2	307	ALLOCATED ITEM 26
145	ALLOC8	NUM	2	309	ALLOCATED ITEM 30 - SEX
146	ALLOC9	NUM	2	311	ALLOCATED ITEM 29
147	ALLOC10	NUM	2	313	ALLOCATED ITEM 28
148	ALLOC11	NUM	2	315	ALLOCATED ITEM 27
149	ALLOC12	NUM	2	317	ALLOCATED ITEM 32
150	ALLOC13	NUM	2	319	ALLOCATED ITEM 31
151	ALLOC14	NUM	2	321	ALLOCATED ITEM 30 - VETERAN STATUS
152	ALLOC15	NUM	2	323	ALLOCATED ITEM 19
153	ALLOC16	NUM	2	325	ALLOCATED ITEM 23B
154	ALLOC17	NUM	2	327	ALLOCATED ITEM 23C
155	ALLOC18	NUM	2	329	ALLOCATED ITEM 23E
156	ALLOC19	NUM	2	331	ALLOCATED ITEM 20A
157	ALLOC20	NUM	2	333	ALLOCATED ITEM 20C

158	ALLOC21	NUM	2	335	ALLOCATED ITEM 21A
159	ALLOC22	NUM	2	337	ALLOCATED ITEM 21B
160	ALLOC23	NUM	2	339	ALLOCATED ITEM 21C
161	ALLOC24	NUM	2	341	ALLOCATED ITEM 22C
162	ALLOC25	NUM	2	343	ALLOCATED ITEM 22D
163	ALLOC26	NUM	2	345	ALLOCATED ITEM 22F
164	ALLOC27	NUM	2	347	ALLOCATED ITEM 24A
165	ALLOC28	NUM	2	349	ALLOCATED ITEM 24B
166	ALLOC29	NUM	2	351	ALLOCATED ITEM 24C
167	ALLOC30	NUM	2	353	ALLOCATED ITEM 24D
168	ALLOC31	NUM	2	355	ALLOCATED ITEM 22A
169	ALLOC32	NUM	2	357	ALLOCATED ITEM 22E
170	ALLOC33	NUM	2	359	ALLOCATED ITEM 25
171	ALLOC34	NUM	2	361	ALLOCATED ITEM 22B
172	ALLOC35	NUM	2	363	ALLOCATED ITEM 24E
173	ALLOC36	NUM	2	365	ALLOCATED GEOGRAPHIC IDENTIFICATION
174	TENURE	NUM	2	367	HOUSING SITUATION
175	INCOME	CHAR	1	369	TOTAL FAMILY INCOME
176	BOYS	NUM	2	370	HOUSEHOLD MEMBERS LESS THAN 14 - BOYS
177	GIRLS	NUM	2	372	HOUSEHOLD MEMBERS LESS THAN 14 - GIRLS
178	INTCHK1	NUM	2	374	INTERVIEWER CHECK ITEM
179	COL1	NUM	2	376	ATTENDING 1 2-YEAR OR 4-YEAR COLLEGE
180	ENRL1	NUM	2	378	SCHOOL ENROLLMENT
181	SCH	NUM	2	380	PUBLIC OR PRIVATE SCHOOL (IF ITEM34=1)
182	GRDATD	NUM	2	382	GRADE ATTENDING (IF ITEM34=1 ADULT ONLY)
183	GRDATDCD	NUM	2	384	GRADE ATTENDING (CHILDREN ONLY)
184	COL2	NUM	2	386	IN COLLEGE FULL OR PART TIME
185	ENRL2	NUM	2	388	ENROLLED IN REGU" AR SCHOOL
186	INTCHK2	NUM	2	390	INTERVIEWER CHEC ITEM
187	YRLSTATD	NUM	2	392	WHAT YEAR LAST ATTENDED REGULAR SCHOOL
188	HSGRD	NUM	2	394	WHEN GRADUATED FROM HIGH SCHOOL
189	SCHATDR	NUM	2	396	SCHOOL ATTENDANCE (RECODE)
190	OCCHRD	NUM	2	398	OCCUPATION OF HEAD (CHILD RECORD ONLY)
191	EDHRD	NUM	2	400	EDUCATION OF HEAD(CHILDRENS RECORD ONLY)
192	SEXR	NUM	2	402	SEX OF HEAD(CHILDRENS RECORD ONLY)
193	INCOME1R	NUM	2	404	FAMILY INCOME(CHILDRENS RECORD ONLY)
194	INCOME2R	NUM	2	406	FAMILY INCOME(CHILDRENS RECORD ONLY)
195	AGE1R	NUM	2	408	AGE (RECODE - CHILDRENS RECORD ONLY)
196	AGE2R	NUM	2	410	AGE (RECODE - CHILDRENS RECORD ONLY)
197	AGE3R	NUM	2	412	AGE (RECODE - CHILDRENS RECORD ONLY)
198	ENR1R	NUM	2	414	ENROLLED IN SCHOOL(RECODE 3-6 YRS ONLY)
199	SPSCHSEX	NUM	2	416	ATTEND SPECIAL SCHOOL(CHILD RECORD ONLY)
200	EDSTAT1R	NUM	2	418	EDUCATIONAL STATUS(CHILD RECORD ONLY)
201	EDSTAT2R	NUM	2	420	EDUCATIONAL STATUS(RECODE)
202	EDSTAT3R	NUM	2	422	EDUCATIONAL STATUS (3-6 YRS ONLY)
203	ENR2R	NUM	2	424	ENROLLED IN SCHOOL(RECODE 3-6 YRS ONLY)
204	EDSTAT4R	NUM	2	426	EDUCATIONAL STATUS(CHILD RECORDS ONLY)
205	FLAG	NUM	2	428	ELIGIBILITY FLAG
206	WEEKHRS	NUM	2	430	USUAL HOURS WORKED PER WEEK?
207	PAYHRS	NUM	2	432	PAID BY HOUR?
208	HRPAYS	NUM	3	434	EARNINGS PER HOUR
209	WKPAYS1	NUM	3	437	EARNINGS PER WEEK (COMPUTED)
210	WKPAYS2	NUM	3	440	USUAL WEEKLY EARNINGS

ALPHABETIC LIST OF VARIABLES

#	VARIABLE	TYPE	LENGTH	POSITION	FORMAT	INFORMAT	LABEL
30	ABSENT1	NUM	2	71			WHY ABSENT LAST WEEK
66	AGE	NUM	2	145			AGE IN SINGLE YEARS
118	AGE1	NUM	2	255			AGE1 (RECODE)
120	AGE2	NUM	2	259			AGE2 (RECODE)
122	AGE4	NUM	2	263			AGE4
86	AGEWAGE	NUM	2	191			AGRICULTURE WAGE AND SALARY
119	AGE1A	NUM	2	257			AGE1A (16-21 YEARS)
195	AGE1R	NUM	2	408			AGE (RECODE - CHILDRENS RECORD ONLY)
196	AGE2R	NUM	2	410			AGE (RECODE - CHILDRENS RECORD ONLY)
197	AGE3R	NUM	2	412			AGE (RECODE - CHILDRENS RECORD ONLY)
138	ALLOC1	NUM	2	295			ALLOCATED ITEM5A
139	ALLOC2	NUM	2	297			ALLOCATED ITEM4
140	ALLOC3	NUM	2	299			ALLOCATED ITEM5B
141	ALLOC4	NUM	2	301			ALLOCATED ITEM 9
142	ALLOC5	NUM	2	303			ALLOCATED ALL LABOR FORCE ITEMS
143	ALLOC6	NUM	2	305			ALLOCATED EMPLOYMENT STATUS RECODE
144	ALLOC7	NUM	2	307			ALLOCATED ITEM 26
145	ALLOC8	NUM	2	309			ALLOCATED ITEM 30 - SEX
146	ALLOC9	NUM	2	311			ALLOCATED ITEM 29
147	ALLOC10	NUM	2	313			ALLOCATED ITEM 28
148	ALLOC11	NUM	2	315			ALLOCATED ITEM 27
149	ALLOC12	NUM	2	317			ALLOCATED ITEM 32
150	ALLOC13	NUM	2	319			ALLOCATED ITEM 31
151	ALLOC14	NUM	2	321			ALLOCATED ITEM 30 - VETERAN STATUS
152	ALLOC15	NUM	2	323			ALLOCATED ITEM 19
153	ALLOC16	NUM	2	325			ALLOCATED ITEM 23B
154	ALLOC17	NUM	2	327			ALLOCATED ITEM 23C
155	ALLOC18	NUM	2	329			ALLOCATED ITEM 23E
156	ALLOC19	NUM	2	331			ALLOCATED ITEM 20A
157	ALLOC20	NUM	2	333			ALLOCATED ITEM 20C
158	ALLOC21	NUM	2	335			ALLOCATED ITEM 21A
159	ALLOC22	NUM	2	337			ALLOCATED ITEM 21B
160	ALLOC23	NUM	2	339			ALLOCATED ITEM 21C
161	ALLOC24	NUM	2	341			ALLOCATED ITEM 22C
162	ALLOC25	NUM	2	343			ALLOCATED ITEM 22D
163	ALLOC26	NUM	2	345			ALLOCATED ITEM 22F
164	ALLOC27	NUM	2	347			ALLOCATED ITEM 24A
165	ALLOC28	NUM	2	349			ALLOCATED ITEM 24B
166	ALLOC29	NUM	2	351			ALLOCATED ITEM 24C
167	ALLOC30	NUM	2	353			ALLOCATED ITEM 24D
168	ALLOC31	NUM	2	355			ALLOCATED ITEM 22A
169	ALLOC32	NUM	2	357			ALLOCATED ITEM 22E
170	ALLOC33	NUM	2	359			ALLOCATED ITEM 25
171	ALLOC34	NUM	2	361			ALLOCATED ITEM 22B
172	ALLOC35	NUM	2	363			ALLOCATED ITEM 24E
173	ALLOC36	NUM	2	365			ALLOCATED GEOGRAPHIC IDENTIFICATION
176	BOYS	NUM	2	370			HOUSEHOLD MEMBERS LESS THAN 14 - BOYS
79	CCSTAT	NUM	2	177			CENTRAL CITY STATUS CODE
95	CIVLF	NUM	2	209			CIVILIAN LABOR FORCE
129	CLWORK	NUM	2	277			CLASS OF WORKER
179	COL1	NUM	2	376			ATTENDING 1 2-YEAR OR 4-YEAR COLLEGE
184	COL2	NUM	2	386			IN COLLEGE FULL OR PART TIME
12	DATECMP	NUM	2	35			DATE COMPLETED

136	DETHRS	NUM	2	291	WORKING 1-34 HRS (NORMALLY WORK F.T.)
5	DIVISION	NUM	2	22	GEOGRAPHIC DIVISION CODE
191	EDHRD	NUM	2	400	EDUCATION OF HEAD(CHILDRENS RECORD ONLY)
200	EDSTAT1R	NUM	2	418	EDUCATIONAL STATUS(CHILD RECORD ONLY)
201	EDSTAT2R	NUM	2	420	EDUCATIONAL STATUS(RECODE)
202	EDSTAT3R	NUM	2	422	EDUCATIONAL STATUS (3-6 YRS ONLY)
204	EDSTAT4R	NUM	2	426	EDUCATIONAL STATUS(CHILD RECORDS ONLY)
91	EMPCLASS	NUM	2	201	EMPLOYED CLASS OR WORKER
94	EMPDUR	NUM	2	207	DURATION OF UNEMPLOYMENT
123	EMPLSTAT	NUM	2	265	EMPLOYED STATUS-CIVILIAN
180	ENRL1	NUM	2	378	SCHOOL ENROLLMENT
185	ENRL2	NUM	2	388	ENROLLED IN REGULAR SCHOOL
198	ENR1R	NUM	2	414	ENROLLED IN SCHOOL(RECODE 3-6 YRS ONLY)
203	ENR2R	NUM	2	424	ENROLLED IN SCHOOL(RECODE 3-6 YRS ONLY)
73	ESR	NUM	2	159	EMPLOYMENT STATUS (RECODE)
81	ETHNIC	NUM	2	181	ETHNICITY
89	EXPLF	NUM	2	197	EXPERIENCED LF EMPLOYMENT STATUS
33	FINDWK1	NUM	2	77	CHKD PUBLIC EMPLOY AGENCY (ESR=3 ONLY)
34	FINDWK2	NUM	2	79	CHKD PRIVATE EMPLOY AGENCY(ESR=3 ONLY)
35	FINDWK3	NUM	2	81	CHKD EMPLOYER DIRECTLY(ESR=3 ONLY)
36	FINDWK4	NUM	2	83	CHKD WITH FRIENDS/RELATIVES(ESR=3 ONLY)
37	FINDWK5	NUM	2	85	PLACED OR ANSWERED ADS(ESR=3 ONLY)
38	FINDWK6	NUM	2	87	DID NOTHING TO FIND WORK(ESR=4-7 ONLY)
39	FINDWK7	NUM	2	89	OTHER METHODS USED(ESR=3 ONLY)
205	FLAG	NUM	2	428	ELIGIBILITY FLAG
117	FTLFR	NUM	2	253	FULL TIME LABOR FORCE (RECODE)
88	FTPT	NUM	2	195	FULL-TIME OR PART TIME STATUS
42	FTPTJOB	NUM	2	95	LOOKING FOR FULL/PART TIME WK(ESR=3 ONLY
177	GIRLS	NUM	2	372	HOUSEHOLD MEMBERS LESS THAN 14 - GIRLS
182	GRDATD	NUM	2	382	GRADE ATTENDING (IF ITEM34=1 ADULT ONLY)
183	GRDATDCD	NUM	2	384	GRADE ATTENDING (CHILDREN ONLY)
25	HHOLDNUM	NUM	2	61	HOUSEHOLD NUMBER
90	HHREL	NUM	2	199	HOUSEHOLD RELATIONSHIP
71	HIGRDATD	NUM	2	155	HIGHEST GRADE ATTENDED
72	HIGRDCMP	NUM	2	157	COMPLETED HIGHEST GRADE ATTENDED
32	HOUR35	NUM	2	75	WORK 35+ HRS AT THIS JOB(ESR=2 ONLY)
16	HRLTWK	NUM	2	43	HOURS WORKED LAST WEEK
208	HRPAYS	NUM	3	434	EARNINGS PER HOUR
27	HRWK1	NUM	2	65	HOURS WORKED LAST WEEK
188	HSGRD	NUM	2	394	WHEN GRADUATED FROM HIGH SCHOOL
137	HWKPAY	NUM	2	293	REASON NOT AT WORK & PAY STATUS
9	ICHECK	NUM	2	30	INTERVIEW CHECK
3	ID	CHAR	12	8	HOUSEHOLD IDENTIFICATION NUMBER
175	INCOME	CHAR	1	369	TOTAL FAMILY INCOME
193	INCOME1R	NUM	2	404	FAMILY INCOME(CHILDRENS RECORD ONLY)
194	INCOME2R	NUM	2	406	FAMILY INCOME(CHILDRENS RECORD ONLY)
62	INDCODE	NUM	3	135	DETAILED INDUSTRY
130	INDCODE2	NUM	2	279	DETAILED INDUSTRY CODE
178	INTCHK1	NUM	2	374	INTERVIEWER CHECK ITEM
186	INTCHK2	NUM	2	390	INTERVIEWER CHECK ITEM
1	INTTYPE	NUM	2	4	INTERVIEW TYPE
11	INTYPE	NUM	2	33	INTERVIEW TYPE
96	LABOR1	NUM	2	211	UNEMPLOYED
97	LABOR2	NUM	2	213	UNEMPLOYED 15 WEEKS OR MORE
98	LABOR3	NUM	2	215	OTHER NOT IN LABOR FORCE

99	LABOR4	NUM	2	217	FULL TIME LABOR FORCE
100	LABOR5	NUM	2	219	LOOKING FOR FULL TIME WORK
101	LABOR6	NUM	2	221	WAGE & SALARY WORKER
102	LABOR7	NUM	2	223	EMPLOYED PERSONS
103	LABOR8	NUM	2	225	EMPL PERSONS (EXCLU FARM WK & PRIVATE HH
104	LABOR9	NUM	2	227	EXPERIENCED LABOR FORCE
105	LABOR10	NUM	2	229	FULL TIME EXPERIENCED LF
106	LABOR11	NUM	2	231	FULL TIME EMP AND ECONOMIC PT
107	LABOR12	NUM	2	233	NON-AGRICULTURAL INDUSTRIES
108	LABOR13	NUM	2	235	NON-AGRICULTURE WAGE & SALARY WORKER
109	LABOR14	NUM	2	237	AGRICULTURE
110	LABOR15	NUM	2	239	WHITE COLLAR WORKERS
111	LABOR16	NUM	2	241	BLUE COLLAR WORKERS
112	LABOR17	NUM	2	243	MANUFACTURING WAGE & SALARY
113	LABOR18	NUM	2	245	PRIVATE WAGE & SALARY
114	LABOR19	NUM	2	247	PART TIME FOR NONECONOMIC REASONS
115	LABOR20	NUM	2	249	PERSONS SEEKING FULL TIME WORK
116	LABOR21	NUM	2	251	UNEMPLOYED. NO PREVIOUS WORK EXP
21	LANDUSE	NUM	2	53	FARM-NONFARM (RECODE)
87	LFSTAT	NUM	2	193	LABOR FORCE STATUS
93	LFTM	NUM	2	205	LABOR FORCE BY TIME WORKED OR LOST
22	LIVTYPE	NUM	2	55	TYPE OF LIVING QUARTERS
19	LKWORK	NUM	2	49	LOOKING FOR WORK LAST 4 WEEKS
15	LOCTYPE	NUM	2	41	REASONS FOR NONINTERVIEW (TYPE B/C ONLY)
13	LTWORK	NUM	2	37	WORKED LAST WEEK
26	MAJACT	NUM	2	63	MAJOR ACTIVITY LAST WEEK
121	MAJACT2	NUM	2	261	MAJOR ACTIVITY (AGES 16-24)
128	MAJIND1	NUM	2	275	MAJOR INDUSTRY(II)
126	MAJIND2	NUM	2	271	MAJOR INDUSTRY (II)
92	MAJOCC	NUM	2	203	MAJOR OCCUPATION
131	MAJOCC1	NUM	2	281	MAJOR OCCUPATION GROUP(I)
133	MANUF	NUM	2	285	MANUFACTURING
124	MARAGE1	NUM	2	267	MARITAL STATUS BY AGE1
67	MARITAL	NUM	2	147	MARITAL STATUS
125	MARSTACT	NUM	2	269	MARITAL STATUS BY ACTIVITY
2	MONTH	NUM	2	6	MONTH IN SAMPLE CODE
75	MONTH2	NUM	2	163	MONTH OF SURVEY
23	NEWFARM	NUM	2	57	NEW FARM DEFINITION
14	NONINTR	NUM	2	39	RACE OF HEAD (NONINTERVIEW TYPE A ONLY)
18	NOWORK	NUM	2	47	ABSENT OR LAYOFF FROM JOB LAST WEEK
49	NOWORK1	NUM	2	109	NOT LOOK FOR JOB-BELIEVE NO WORK AVAILAB
50	NOWORK2	NUM	2	111	NOT LOOK FOR JOB-COULD NOT FIND ANY WORK
51	NOWORK3	NUM	2	113	NOT LOOK FOR JOB-LACK NECESSARY SCHOOLIN
52	NOWORK4	NUM	2	115	NOT LOOK FOR JOB-EMP THINK TOO YOUNG/OLD
53	NOWORK5	NUM	2	117	NOT LOOK FOR JOB-PERSONAL HANDICAP
54	NOWORK6	NUM	2	119	NOT LOOK FOR JOB-CANNOT ARRANGE CHILDCAR
55	NOWORK7	NUM	2	121	NOT LOOK FOR JOB-FAMILY RESPONSIBILITIES
56	NOWORK8	NUM	2	123	NOT LOOK FOR JOB-IN SCHOOL OR TRAINING
57	NOWORK9	NUM	2	125	NOT LOOK FOR JOB-ILL HEALTH
58	NOWORK10	NUM	2	127	NOT LOOK FOR JOB-OTHER
59	NOWORK11	NUM	2	129	NOT LOOK FOR JOB-DO NOT KNOW
132	OCCCODE	NUM	2	283	DETAILED OCCUPATION
190	OCCHRD	NUM	2	398	OCCUPATION OF HEAD (CHILD RECORD ONLY)
63	OCPCODE	NUM	3	138	OCCUPATION CODE (CURRENT JOB)
46	PAY1	NUM	2	103	LAST WORKED FOR PAY(ESR=4-7 & MONTH=4/8)

207	PAYHRS.	NUM	2	432	PAID BY HOUR?
74	PPH	NUM	2	161	INDICATOR FOR PRINCIPAL PERSON IN HH
84	PTSTAT	NUM	2	187	PART-TIME STATUS
68	RACE	NUM	2	149	RACE
83	RACER	NUM	2	185	RACE (RECODE)
85	RACESEX	NUM	2	189	RACE-SEX (RECODE)
17	REASON1	NUM	2	45	REASON FOR NONINTERVIEW (TYPE A ONLY)
40	REASON2	NUM	2	91	WHY STARTED LOOKING FOR WORK(ESR=3 ONLY)
43	REASON3	NUM	2	97	REASON NOT TAKE JOB LAST WEEK(ESR=3)
44	REASON4	NUM	2	99	REASON COULD NOT TAKE WORK LAST WEEK
47	REASON5	NUM	2	105	WHY LEFT JOB
134	REASON6	NUM	2	287	REASON NOT AT WORK OR HOURS AT WORK
4	REGION	NUM	2	20	GEOGRAPHIC REGION CODE
48	REGJOB	NUM	2	107	WANT REGULAR JOB NOW
65	RELHEAD	NUM	2	143	RELATIONSHIP TO HEAD
10	RESP	CHAR	1	32	LINE NUMBER HOUSEHOLD RESPONDENT
64	RESP2	NUM	2	141	LINE NUMBER OF RESPONDENT
20	ROTGRP	NUM	2	51	ROTATION GROUP CODE
181	SCH	NUM	2	380	PUBLIC OR PRIVATE SCHOOL (IF ITEM34=1)
189	SCHATDR	NUM	2	396	SCHOOL ATTENDANCE (RECODE)
69	SEX	NUM	2	151	SEX
192	SEXR	NUM	2	402	SEX OF HEAD(CHILDRENS RECORD ONLY)
8	SMSA	NUM	2	28	SMSA RANK BY SIZE
24	SMSAST1	NUM	2	59	SMSA STATUS CODE
78	SMSAST2	NUM	2	175	SMSA STATUS CODE
80	SMSASZ	NUM	2	179	SMSA SIZE
199	SPSCHSEX	NUM	2	416	ATTEND SPECIAL SCHOOL(CHILD RECORD ONLY)
6	STATE	NUM	2	24	GEOGRAPHIC STATE CODE
7	STRANK	NUM	2	26	STATE POPULATION SIZE RANK
174	TENURE	NUM	2	367	HOUSING SITUATION
70	VET	NUM	2	153	VETERAN STATUS (MALE ONLY)
31	WAGES1	NUM	2	73	WAGES FOR TIME OFF(ESR=2 ONLY)
206	WEEKHRS	NUM	2	430	USUAL HOURS WORKED PER WEEK?
61	WKCLASS1	NUM	2	133	CLASS OF WORK
127	WKCLASS2	NUM	2	273	DETAILED CLASS OF WORKED
209	WKPAYS1	NUM	3	437	EARNINGS PER WEEK (COMPUTED)
210	WKPAYS2	NUM	3	440	USUAL WEEKLY EARNINGS
41	WKWORK	NUM	2	93	WEEKS LOOKING FOR WORK (ESR=3 ONLY)
28	WORK35	NUM	2	67	USUALLY WORKED 35 HRS PER WEEK
29	WORKN35	NUM	2	69	REASON NOT WORKING 35 HRS PER WEEK
135	WORK1_34	NUM	2	289	AT WORK 1-34 HOURS BY HOURS AT WORK
60	WORK12MS	NUM	2	131	INTEND TO LOOK FOR WORK NEXT 12 MOS
45	WORK2WKS	NUM	2	101	LAST WORKED FULL TIME 2+ WEEKS(ESR=3)
82	WTAGE	NUM	2	183	WEIGHTING AGE (RECODE)
77	WTS	NUM	8	167	WEIGHT
76	YEAR	NUM	2	165	LAST DIGIT OF YEAR
187	YRLSTATD	NUM	2	392	WHAT YEAR LAST ATTENDED REGULAR SCHOOL

ATTACHMENT F

ATTACHMENT F

Comparisons between Principal person of household (byte 111)
and household relationship variables (bytes 96 and 169)

Indicator of principal person of household (byte 111) = "yes" (n=54,041)

With relationship to head (byte 96)

12,445=missing data
7,099=Head (with other relatives in the household)
13,722=Head (with no other relatives in the household
33,220=Wife of head

With household relationship (byte 169)

12,445=missing data
1,504=Male head, living with relatives
5,640=Male head, living without relatives
5,595=Female head, living with relatives
8,082=Female head, living without relatives
33,220=Wife of head

ATTACHMENT G

```
NOTE: THE JOB TOOCPS1 HAS BEEN RUN UNDER RELEASE 79.5 OF SAS AT THE NATIONAL INSTITUTES OF HEALTH (00374).

**********************************************************************************************
**********************************************************************************************
**                                                                                          **
**    NOTE: In n-way tables produced by PROC FREQ, missing data is used in calculating      **
**          the statistics for all character variables.  SAS Institute is aware of this     **
**          problem and it will soon be corrected.                                          **
**                                                                                          **
**********************************************************************************************
**********************************************************************************************

NOTE: SAS OPTIONS SPECIFIED ARE:
      S=72 NOOVP


1          * SAVED AS CPS79.SETUP1;                                                    9.
2          * TO SORT DATA BY HOUSEHOLD ID AND THEN BY PRINCIPAL                       10.
3          * OF HOUSEHOLD, SO THAT THE FIRST RECORD OF EACH HOUSEHOLD                 11.
4          * WILL ALWAYS BE THE HEAD OF HOUSEHOLD WITH THE CORRECT                    12.
5          * WEIGHT;                                                                  13.
6              DATA TEMP1;                                                           14.
7                  SET TAPEIN.CPSOCT79(KEEP=ID INCOME SCH WTS PPH                    15.
8                                          ENRL1);                                   16.
9          * TO RESET CHILDREN RECORDS SINCE THAT BYTE (PRINCIPAL OF HOUSEHOLD)      17.
10           WAS SET FOR 2 IN ALL CHILDREN RECORDS;                                  18.
11                 IF PPH EQ 2 THEN PPH=0;                                           19.
12                                                                                   20.

NOTE: DATA SET WORK.TEMP1 HAS 160666 OBSERVATIONS AND 6 VARIABLES. 420 OBS/TRK.
NOTE: THE DATA STATEMENT USED 15.32 SECONDS AND 180K.

12             PROC SORT OUT=TEMP2;     BY ID DESCENDING PPH;                        20.
13                                                                                   21.

NOTE: DATA SET WORK.TEMP2 HAS 160666 OBSERVATIONS AND 6 VARIABLES. 420 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 19.47 SECONDS AND 776K.

13             PROC DELETE DATA=TEMP1;                                               21.
14                                                                                   22.

NOTE: THE PROCEDURE DELETE USED 0.05 SECONDS AND 172K.

14             DATA TEMP3(KEEP=FAMINC SCH WEIGHT);                                   22.
15                 SET TEMP2;                                                        23.
16                 BY ID;                                                            24.
17                 RETAIN WEIGHT;                                                    25.
18                 IF FIRST.ID THEN WEIGHT=WTS;                                      26.
 9         *  TO REVERSE CODING FOR TABLE PRINTING;                                  27.
20                 FAMINC=TRANSLATE(INCOME,'ABCD0123456789',                         28.
21                                    '0123456789ABCD');                           29.
22                 IF ENRL1 EQ 1 THEN OUTPUT TEMP3;                                  30.
23                                                                                   31.

NOTE: DATA SET WORK.TEMP3 HAS 42079 OBSERVATIONS AND 3 VARIABLES. 60 OBS/TRK.
NOTE: THE DATA STATEMENT USED 19.42 SECONDS AND 180K.
```

C-1

```
23              PROC FORMAT;                                                    31.
24                   VALUE   $INCFMT          A='UNDER $1,000'                  32.
25                                            B='$1,000 - $1,999'               33.
26                                            C='$2,000 - $2,999'               34.
27                                            D='$3,000 - $3,999'               35.
28                                            0='$4,000 - $4,999'               36.
29                                            1='$5,000 - $5,999'               37.
30                                            2='$6,000 - $7,499'               38.
31                                            3='$7,500 - $9,999'               39.
32                                            4='$10,000 - $11,999'             40.
33                                            5='$12,000 - $14,999'             41.
34                                            6='$15,000 - $19,999'             42.
35                                            7='$20,000 - $24,999'             43.
36                                            8='$25,000 - $49,999'             44.
37                                            9='$50,000+';                     45.
38                   VALUE   SCHFMT           1=PUBLIC                          46.
39                                            2=PRIVATE;                        47.
40                                                                              48.

NOTE: THE PROCEDURE FORMAT USED 0.11 SECONDS AND 184K.

40              PROC FREQ;   WEIGHT WEIGHT;                                     48.
41                   TABLES FAMINC * SCH;                                       49.
42                   FORMAT FAMINC $INCFMT. SCH SCHFMT.;                        50.
43                   TITLE CURRENT POPULATION SURVEY - OCTOBER 1979;            51.

NOTE: THE PROCEDURE FREQ USED 4.17 SECONDS AND 172K AND PRINTED PAGES 1 TO 2.

NOTE: SAS USED 776K MEMORY.

NOTE: SAS INSTITUTE INC.
      SAS CIRCLE
      BOX 8000
      CARY, N.C. 27511
```

G-2

TABLE OF FAMINC BY SCH

FAMINC SCH PUBLIC OR PRIVATE SCHOOL (IF ITEM34=1)

FREQUENCY PERCENT ROW PCT COL PCT	PUBLIC	PRIVATE	TOTAL
	3932329	770008	.
	.	.	.
	.	.	
	.	.	
UNDER $1,000	458009	88108	546117
	0.80	0.15	0.95
	83.87	16.13	
	0.94	1.05	
$1,000 - $1,999	593386	80917	674303
	1.04	0.14	1.18
	88.00	12.00	
	1.21	0.97	
$2,000 - $2,999	925623	96074	1021697
	1.62	0.17	1.78
	90.60	9.40	
	1.89	1.15	
$3,000 - $3,999	1331410	85566	1416976
	2.33	0.15	2.47
	93.96	6.04	
	2.72	1.02	
$4,000 - $4,999	1660566	144919	1805485
	2.90	0.25	3.15
	91.97	8.03	
	3.40	1.73	
$5,000 - $5,999	1667276	138417	1805693
	2.91	0.24	3.15
	92.33	7.67	
	3.41	1.66	
$6,000 - $7,499	2339360	187104	2526464
	4.09	0.33	4.41
	92.59	7.41	
	4.78	2.24	
TOTAL	48903702	8355310	57259012
	85.41	14.59	100.00

(CONTINUED)

TABLE OF FAMINC BY SCH

FAMINC SCH PUBLIC OR PRIVATE SCHOOL (IF ITEM34=1)

FREQUENCY PERCENT ROW PCT COL PCT	PUBLIC	PRIVATE	TOTAL
$7,500 - $9,999	3709934 6.48 91.12 7.59	361591 0.63 8.88 4.33	4071525 7.11
$10,000 - $11,99	3536059 6.18 88.77 7.23	447507 0.78 11.23 5.36	3983566 6.96
$12,000 - $14,99	5835487 10.19 88.40 11.93	765670 1.34 11.60 9.16	6601157 11.53
$15,000 - $19,99	7797794 13.62 85.56 15.95	1315822 2.30 14.44 15.75	9113616 15.92
$20,000 - $24,99	7615201 13.30 83.18 15.57	1540034 2.69 16.82 18.43	9155235 15.99
$25,000 - $49,99	9748423 17.03 80.50 19.93	2361039 4.12 19.50 28.26	12109462 21.15
$50,000+	1685175 2.94 69.41 3.45	742544 1.30 30.59 8.89	2427719 4.24
TOTAL	48903702 85.41	8355310 14.59	57259012 100.00

ATTACHMENT H

Table H-1

NUMBER OF RECORDS RETAINED AT EACH STEP

	1978	1979
1. Total # of individuals	162,116	160,666
2. Number with age, race, sex and/or grade	149,722	148,221
3. Number of households	54,123	54,041
4. Number of households with matching identifier	43,794(81%)	43,794(81%)
5. Number of households retained or true matches	19,676(45%)	19,676(45%)
6. Number of individuals matched	50,881(31%)	50,881 (32%)

Table H-2

DISTRIBUTION OF MATCH STATISTIC BY NUMBER OF FAMILY MEMBERS*

% Matched	Number of family members								
Frequency/ (Col Pct**)	1	2	3	4	5	6	7	8-21	Total
0 %	8,552 (65%)	8,531 (54%)	2,627 (38%)	1,086 (22%)	169 (8%)	24 (4%)	4 (2%)	---	20,993
1-10%	---	---	---	---	---	---	---	1 (1%)	1
11-20%	---	---	---	---	187 (9%)	39 (6%)	2 (1%)	1 (1%)	229
21-30%	---	---	---	564 (12%)	---	---	6 (3%)	2 (1%)	572
31-40%	---	---	743 (11%)	---	107 (5%)	27 (4%)	---	2 (1%)	879
41-50%	---	1,148 (7%)	---	273 (6%)	---	13 (2%)	2 (1%)	1 (1%)	1,437
51-60%	---	---	---	---	101 (5%)	---	7 (3%)	1 (1%)	109
61-70%	---	---	630 (9%)	---	---	41 (6%)	---	7 (4%)	678
71-80%	---	---	---	639 (13%)	432 (21%)	---	14 (6%)	15 (9%)	1,100
81-90%	---	---	---	---	---	209 (31%)	75 (33%)	65 (41%)	349
91-100%	4,604 (35%)	6,075 (39%)	2,908 (42%)	2,306 (47%)	1,042 (51%)	332 (48%)	116 (51%)	64 (40%)	17,447
TOTAL	13,156	15,754	6,908	4,868	2,038	685	226	159	43,794

* Based on the minimum number of family members across the two years.
** Percentages may not add up to 100% due to rounding.

```
1                                   S T A T I S T I C A L   A N A L Y S I S   S Y S T E M       19:55 WEDNESDAY, APRIL

NOTE: THE JOB TOOMRG1 HAS BEEN RUN UNDER RELEASE 79.5 OF SAS AT THE NATIONAL INSTITUTES OF HEALTH (00374).

**********************************************************************************************
**********************************************************************************************
**                                                                                          **
**     NOTE: In n-way tables produced by PROC FREQ, missing data is used in calculating     **
**           the statistics for all character variables.  SAS Institute is aware of this   **
**           problem and it will soon be corrected.                                         **
**                                                                                          **
**********************************************************************************************
**********************************************************************************************

NOTE: SAS OPTIONS SPECIFIED ARE:
      S=72 NOOVP


1          OPTIONS ERROR=0;                                                                  18.
2          *** SAVED AS CPS.MERGE1;                                                          19.
3               DATA TEMP78 TEMPDUP;                                                         20.
4          ************************************************************************      21.
5          *** READ IN 1978 CPS FILE AND CREATE HOUSEHOLD SUMMARY RECORDS ********      22.
6          ************************************************************************      23.
7          ***;                                                                           24.
8                    INFILE TAPE78;                                                        25.
9                    INPUT  @4    ID             $CHAR12.                                 26.
10                          @17   STATE78        2.                                       27.
11                          @97   AGE78          2.                                       28.
12                          @103  HIGRDATD       2.                                       29.
13                          @105  HIGRDCMP       1.                                       30.
14                          @126  WTS78          7.2                                      31.
15                          @164  RACESEX8       1.                                       32.
16                          @365  INCOME78       $1.                                      33.
17                          @421  ENRL78         1.                                       34.
18                          @422  SCH78          1.;                                      35.
19                   DROP HIGRDATD HIGRDCMP;                                               36.
20                   GRADE78=HIGRDATD+1-HIGRDCMP;                                          37.
21                   LENGTH DEFAULT=2;                                                     38.
22         * DELETE CASES WITH AGE, SEX AND RACE ALL MISSING;                             39.
23                   IF AGE78 EQ . AND RACESEX8 EQ . THEN DELETE;                          40.
24         * DUMP THE DUPLICATE CASES TO ANOTHER FILE FOR DELETION;                       41.
25                   IF ID='000015051108' THEN OUTPUT TEMPDUP;                             42.
26                      ELSE OUTPUT TEMP78;                                                43.
27                                                                                         44.


NOTE: INFILE TAPE78 IS:.
      DSNAME=WPG4T00.OCTCPS.SUPP78,
      UNIT=9T6250,VOL=SER=034166,DISP=OLD,
      DCB=(BLKSIZE=23800,LRECL=480,RECFM=FB)

NOTE: INVALID DATA FOR SCH78 IN LINE 51 422-422.     18:38
NOTE: FURTHER ERRORS OF THIS TYPE WILL NOT BE PRINTED.
      OPTIONS ERRORS=NN; * LIMIT REACHED.

RULE:      1234567 101234567 201234567 301234567 401234567 501234567 601234567 701234567 801234567 901234567 00

51         14 0030012115034930100I    G152318  -3--- 1011 1140- ----------------------------------1839075011461 57

56
```

H-3

```
RULE:      1234567 101234567 201234567 301234567 401234567 501234567 601234567 701234567 801234567 901234567 00

     101   11182   1 0045177108      174215                    11  7 10 1  0103111111010001011111111010010003010 6
     201   0005000002170016090114420103001200000050000000000000000000000000000000000000000
     301                                                                  6A00          ------------
     401                          2--------  -                                    0%     --
ID=003001211508 STATE78=93 AGE78=46 HIGRDATD=18 HIGRDCMP=2 WTS78=1742.15 RACESEX8=1 INCOME78=A ENRL78=2 SCH78=. GRADE78=17
_N_=51
NOTE: MISSING VALUES WERE GENERATED AS A RESULT OF PERFORMING
      AN OPERATION ON MISSING VALUES.
      EACH PLACE IS GIVEN BY: (NUMBER OF TIMES) AT (LINE):(COLUMN).

      >32767 AT 20:19

NOTE: 162116 LINES WERE READ FROM INFILE TAPE78.
NOTE: DATA SET WORK.TEMP78 HAS 149722 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: DATA SET WORK.TEMPDUP HAS 10 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE DATA STATEMENT USED 50.71 SECONDS AND 184K.

27              PROC SORT DATA=TEMPDUP;      BY AGE78;                          44.
28                                                                              45.

NOTE: DATA SET WORK.TEMPDUP HAS 10 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 0.21 SECONDS AND 756K.

23              DATA TEMPDUP1;                                                  45.
29                   SET TEMPDUP;                                               46.
30                   BY AGE78;                                                  47.
31         * DELETE DUPLICATE CASES;                                            48.
32                   IF FIRST.AGE78;                                            49.
33                                                                              50.

NOTE: DATA SET WORK.TEMPDUP1 HAS 5 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE DATA STATEMENT USED 0.10 SECONDS AND 180K.

33              PROC SORT;      BY ID AGE78 RACESEX8;                           50.
34                                                                              51.

NOTE: DATA SET WORK.TEMPDUP1 HAS 5 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 0.20 SECONDS AND 756K.

34              PROC SORT DATA=TEMP78 OUT=TEMP78A;                              51.
35                   BY ID AGE78 RACESEX8;                                      52.
36                                                                              53.

NOTE: DATA SET WORK.TEMP78A HAS 149722 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 21.01 SECONDS AND 776K.

36              DATA TAPE1.CPS78 TEMP78B;                                       53.
37                   SET TEMP78A TEMPDUP1;                                      54.
38                   BY ID AGE78 RACESEX8;                                      55.
39                                                                              56.

NOTE: DATA SET TAPE1.CPS78 HAS 149727 OBSERVATIONS AND 9 VARIABLES.
NOTE: DATA SET WORK.TEMP78B HAS 149727 OBSERVATIONS AND 9 VARIABLES. 1260 OBS/TRK.
NOTE: THE DATA STATEMENT USED 26.01 SECONDS AND 184K.

39              PROC DELETE DATA=TEMP78 TEMP78A TEMPDUP TEMPDUP1;               56.
```

```
40          * DELETE SOME TEMPORARY DATA SETS TO ALLOW FOR MORE WORK SPACE;                57.
41                                                                                        58.

NOTE: THE PROCEDURE DELETE USED 0.06 SECONDS AND 176K.

41               DATA SUMREC78(DROP=AGE78 RACESEX8 GRADE78);                              58.
42                    SET TEMP78B;                                                        59.
43                    BY ID;                                                              60.
44          * CREATE HOUSEHOLD SUMMARY RECORD;                                           61.
45                    RETAIN GRADE101-GRADE122 RACSX101-RACSX122                          62.
46                           AGE101-AGE122     N1;                                        63.
47                    ARRAY NGRADE(N1)      GRADE101-GRADE122;                          64.
48                    ARRAY NRACSEX(N1)     RACSX101-RACSX122;                          65.
49                    ARRAY NAGE(N1)        AGE101-AGE122;                              66.
50               * INITIALIZE CELLS AT BEGINNING OF HOUSEHOLD;                           67.
51                    IF FIRST.ID THEN DO;                                               68.
52                       DO OVER NAGE;                                                   69.
53                          NRACSEX=0;   NGRADE=0;   NAGE=0;                             70.
54                       END;                                                            71.
55                       N1=0;                                                           72.
56                    END;                                                               73.
57               * START PROCESSING RECORDS;                                             74.
58                    N1=N1+1;                                                           75.
59                    NGRADE=GRADE78;   NRACSEX=RACESEX8;   NAGE=AGE78;                  76.
60          * OUTPUT A HOUSEHOLD SUMMARY RECORD;                                         77.
61                    IF LAST.ID THEN OUTPUT;                                            78.
62                                                                                       79.

NOTE: DATA SET WORK.SUMREC78 HAS 54123 OBSERVATIONS AND 73 VARIABLES. 69 OBS/TRK.
NOTE: THE DATA STATEMENT USED 30.37 SECONDS AND 192K.

62               DATA TAPE2.CPS79 TEMP79;                                                79.
63          ********************************************************************         80.
64          *** READ IN 1979 CPS SAS FILE AND CREATE HOUSEHOLD SUMMARY RECORDS ***       81.
65          ********************************************************************;        82.
66                    SET TAPE79.CPSOCT79(KEEP=ID RACESEX AGE INCOME STATE               83.
67                                            WTS HIGRDATD HIGRDCMP ENRL1 SCH);          84.
68                    DROP HIGRDATD HIGRDCMP;                                            85.
69               * DELETE CASES WHERE AGE, SEX AND RACE ARE ALL MISSING;                 86.
70                    IF AGE EQ . AND RACESEX EQ . THEN DELETE;                          87.
71               * CREATE GRADE VARIABLE;                                               88.
72                    GRADE=HIGRDATD+1-HIGRDCMP;                                         89.
73                                                                                       90.

NOTE: MISSING VALUES WERE GENERATED AS A RESULT OF PERFORMING
      AN OPERATION ON MISSING VALUES.
      EACH PLACE IS GIVEN BY: (NUMBER OF TIMES) AT (LINE):(COLUMN).

      32436 AT 72:17

NOTE: DATA SET TAPE2.CPS79 HAS 148221 OBSERVATIONS AND 9 VARIABLES.
NOTE: DATA SET WORK.TEMP79 HAS 148221 OBSERVATIONS AND 9 VARIABLES. 906 OBS/TRK.
NOTE: THE DATA STATEMENT USED 20.76 SECONDS AND 184K.

73               PROC SORT DATA=TEMP79;                                                  90.
74                         BY ID AGE RACESEX;                                            91.
75                                                                                       92.
```

```
NOTE: DATA SET WORK.TEMP79 HAS 148221 OBSERVATIONS AND 9 VARIABLES. 906 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 20.12 SECONDS AND 776K.

75              DATA SUMREC79 (DROP=GRADE RACESEX AGE HIGRDATD HIGRDCMP);                92.
76                   SET TEMP79;                                                         93.
77                   BY ID;                                                              94.
78         * CREATE HOUSEHOLD SUMMARY RECORD;                                           95.
79                   RETAIN GRADE201-GRADE222 RACSX201-RACSX222                          96.
80                          AGE201-AGE222     N2;                                       97.
81                   ARRAY NGRADE(N2)      GRADE201-GRADE222;                          98.
82                   ARRAY NRACSEX(N2)     RACSX201-RACSX222;                          99.
83                   ARRAY NAGE(N2)        AGE201-AGE222;                             100.
84              * INITIALIZE CELLS AT BEGINNING OF HOUSEHOLD;                          101.
85                   IF FIRST.ID THEN DO;                                            102.
86                      DO OVER NAGE;                                                103.
87                         NRACSEX=0;   NGRADE=0;   NAGE=0;                          104.
88                      END;                                                         105.
89                      N2=0;                                                        106.
90                   END;                                                            107.
91              * START PROCESSING RECORDS;                                          108.
92                   N2=N2+1;                                                        109.
93                   NGRADE=GRADE;   NRACSEX=RACESEX;   NAGE=AGE;                    110.
94         * OUTPUT A HOUSEHOLD SUMMARY RECORD;                                      111.
95                   IF LAST.ID THEN OUTPUT;                                         112.
96                                                                                   113.

NOTE: DATA SET WORK.SUMREC79 HAS 54041 OBSERVATIONS AND 73 VARIABLES. 66 OBS/TRK.
NOTE: THE DATA STATEMENT USED 30.26 SECONDS AND 192K.

96              DATA TAPEOUT.LINK1 TEMPLNK(KEEP=STAT NMIN);                          113.
97         ***************************************************************          114.
98         ***          TO MERGE THE 1979 SUMMARY RECORDS WITH THE 1989    ***      115.
99         *** SUMMARY RECORDS BY HOUSEHOLD IDENTIFICATION.  AND CREATES  ***      116.
100        *** MATCH STATISTICS FOR EACH MATCHED HOUSEHOLD TO DETERMINE   ***      117.
101        *** THE MATCH RATE                                             ***      118.
102        ***************************************************************;         119.
103                  MERGE SUMREC79 (IN=IN79)                                        120.
104                        SUMREC78 (IN=IN78);                                       121.
105                  BY ID;                                                          122.
106                  IF IN78 AND IN79;                                               123.
107                  ARRAY AGE1(I1) AGE101-AGE122;                                   124.
108                  ARRAY AGE2(I2) AGE201-AGE222;                                   125.
109                  ARRAY GRADE1(I1) GRADE101-GRADE122;                             126.
110                  ARRAY GRADE2(I2) GRADE201-GRADE222;                             127.
111                  ARRAY RACSX1(I1) RACSX101-RACSX122;                             128.
112                  ARRAY RACSX2(I2) RACSX201-RACSX222;                             129.
113                  ARRAY INDIV1(I1) INDIV101-INDIV122;                             130.
114                  ARRAY INDIV2(I2) INDIV201-INDIV222;                             131.
115        * START THE MATCHING PROCESS;                                             132.
116                  MATCH=0;                                                        133.
117                  DO OVER INDIV2;  INDIV2=0;     END;                             134.
118        * TRY TO MATCH EACH 1978 FAMILY MEMBER;                                   135.
119                       DO I1=1 TO N1;                                             136.
120                            DO I2=1 TO N2;                                        137.
121                               IF INDIV2=0 AND                                    138.
122                                  (RACSX1=RACSX2) AND (AGE1+1 EQ AGE2) AND        133.1
123                                  (GRADE1=GRADE2 OR GRADE1+1=GRADE2)              139.
124                                  THEN GO TO MATCHED;                             140.
```

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62

63

```
125                              END;                                                    141.
126                              DO I2=1 TO N2;                                          142.
127                                   IF INDIV2=0 AND (RACSX1=RACSX2) AND                143.
128                                      (AGE1=AGE2 OR AGE1+2=AGE2) AND                  144.
129                                      (GRADE1=GRADE2 OR GRADE1+1=GRADE2 OR            145.
130                                       GRADE1+2=GRADE2)                               146.
131                                      THEN GO TO MATCHED;                            147.
132                              END;                                                    148.
133                              INDIV1=0;                                               149.
134                              GO TO ENDLOOP;                                          150.
135                   MATCHED:                                                           151.
136                              MATCH=MATCH+1;                                          152.
137                              INDIV1=MATCH;     INDIV2=MATCH;                         153.
138                   ENDLOOP:                                                           154.
139                              END;                                                    155.
140                         NMIN=N1;                                                     156.
141                         IF N2 LT N1 THEN NMIN=N2;                                    157.
142               * CREATE MATCH STATISTICS FOR EACH MATCHED HOUSEHOLD;                  158.
143                         STAT=MATCH/NMIN;                                             159.
144                         KEEP ID MATCH STAT NMIN INDIV101-INDIV122 INDIV201-INDIV222;  160.
145                         LENGTH MATCH STAT NMIN INDIV101-INDIV122 INDIV201-INDIV222 2; 161.
146                                                                                      162.
```

NOTE: MISSING VALUES WERE GENERATED AS A RESULT OF PERFORMING
AN OPERATION ON MISSING VALUES.
EACH PLACE IS GIVEN BY: (NUMBER OF TIMES) AT (LINE):(COLUMN).

>32767 AT 121:30 >32767 AT 127:30

NOTE: DATA SET TAPEOUT.LINK1 HAS 43794 OBSERVATIONS AND 48 VARIABLES.
NOTE: DATA SET WORK.TEMPLNK HAS 43794 OBSERVATIONS AND 2 VARIABLES. 4884 OBS/TRK.
NOTE: THE DATA STATEMENT USED 57.05 SECONDS AND 208K.

```
146                   PROC FREQ DATA=TEMPLNK;                                        162.
147                        TABLES STAT;                                              163.
148                        TABLES STAT*NMIN/NOROW NOPERCENT;                         164.
149                        FORMAT STAT 4.2;                                          165.
```

NOTE: THE PROCEDURE FREQ USED 4.20 SECONDS AND 176K AND PRINTED PAGES 1 TO 7.

NOTE: SAS USED 776K MEMORY.

NOTE: SAS INSTITUTE INC.
SAS CIRCLE
BOX 8000
CARY, N.C. 27511

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```
1                                  S T A T I S T I C A L   A N A L Y S I S   S Y S T E M      20:25 WEDNESDAY, APRIL

NOTE: THE JOB TOOMRG2 HAS BEEN RUN UNDER RELEASE 79.5 OF SAS AT THE NATIONAL INSTITUTES OF HEALTH (00374).

**********************************************************************
**********************************************************************
**                                                                  **
**     NOTE: In n-way tables produced by PROC FREQ, missing data is used in calculating      **
**           the statistics for all character variables.  SAS Institute is aware of this     **
**           problem and it will soon be corrected.                                          **
**                                                                  **
**********************************************************************
**********************************************************************

NOTE: SAS OPTIONS SPECIFIED ARE:
      S=72 NOOVP


1          *** SAVED AS CPS.MERGE2;                                              16.
2              DATA LINK2;                                                       17.
3                   SET TAPE3.LINK1;                                             18.
4          * DELETE IF MATCHED RATE IS LESS THAN 60%;                           19.
5                    IF MATCH LT .60*NMIN THEN DELETE;                          20.
6                    KEEP ID INDIV101-INDIV122 INDIV201-INDIV222;               21.
7                                                                               22.

NOTE: DATA SET WORK.LINK2 HAS 19676 OBSERVATIONS AND 45 VARIABLES. 375 OBS/TRK.
NOTE: THE DATA STATEMENT USED 4.33 SECONDS AND 180K.

7                DATA MATCHED1(DROP=N INDIV101-INDIV122 INDIV201-INDIV222);     22.
8                     MERGE TAPE1.CPS78(IN=IN78)                                23.
9                           LINK2(IN=INLNK);                                    24.
10                    BY ID;                                                    25.
11         * TO GO BACK TO PICK UP RECORDS FROM ORIGINAL 1978 DATA FILE;         26.
12                    IF IN78 AND INLNK;                                        27.
13                    ARRAY INDIV1 (N) INDIV101-INDIV122;                       28.
14                    RETAIN N 0;                                               29.
15                    IF FIRST.ID THEN N=1;                                     30.
16                                ELSE N=N+1;                                   31.
17                    IF INDIV1=0 THEN DELETE;                                  32.
18                    INDIV=INDIV1;                                             33.
19                                                                              34.

NOTE: DATA SET WORK.MATCHED1 HAS 50881 OBSERVATIONS AND 10 VARIABLES. 1002 OBS/TRK.
NOTE: THE DATA STATEMENT USED 23.63 SECONDS AND 188K.

19               PROC SORT;     BY ID INDIV;                                    34.
20                                                                              35.

NOTE: DATA SET WORK.MATCHED1 HAS 50881 OBSERVATIONS AND 10 VARIABLES. 1002 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 6.15 SECONDS AND 776K.

20               DATA MATCHED2(DROP=N INDIV101-INDIV122 INDIV201-INDIV222);     35.
21                    MERGE TAPE2.CPS79(IN=IN79)                                36.
22                          LINK2(IN=INLNK);                                    37.
23                    BY ID;                                                    38.
24         * TO GO BACK TO PICK UP RECORDS FROM ORIGINAL 1979 DATA FILE;         39.
25                    IF IN79 AND INLNK;                                        40.
26                    ARRAY INDIV2 (N) INDIV201-INDIV222;                       41.
```

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```
27                  RETAIN N 0;                                                  42.
28                  IF FIRST.ID THEN N=1;                                        43.
29                              ELSE N=N+1;                                      44.
30                  IF INDIV2=0 THEN DELETE;                                     45.
31                  INDIV=INDIV2;                                                46.
32                                                                               47.

NOTE: DATA SET WORK.MATCHED2 HAS 50881 OBSERVATIONS AND 10 VARIABLES. 765 OBS/TRK.
NOTE: THE DATA STATEMENT USED 23.69 SECONDS AND 192K.

32              PROC SORT;     BY ID INDIV;                                      47.
33                                                                               48.

NOTE: DATA SET WORK.MATCHED2 HAS 50881 OBSERVATIONS AND 10 VARIABLES. 765 OBS/TRK.
NOTE: THE PROCEDURE SORT USED 6.57 SECONDS AND 776K.

33              DATA TAPEOUT.CPS7879;                                            48.
34                   MERGE MATCHED1                                              49.
35                         MATCHED2;                                             50.
36                   BY ID INDIV;                                                51.
37         * VARIABLES IN THE KEEP LIST ARE SELECTIVE BASED ON THE               52.
38         * KIND OF ANALYSIS YOU WILL BE DOING;                                 53.
39                    KEEP ID AGE AGE78 RACESEX RACESEX8 GRADE GRADE78           54.
40                         STATE STATE78 WTS WTS78 INCOME INCOME78               55.
41                         ENRL1 ENRL78 SCH SCH78;                               56.

NOTE: DATA SET TAPEOUT.CPS7879 HAS 50881 OBSERVATIONS AND 17 VARIABLES.
NOTE: THE DATA STATEMENT USED 11.32 SECONDS AND 184K.

NOTE: SAS USED 776K MEMORY.

NOTE: SAS INSTITUTE INC.
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      CARY, N.C. 27511
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ATTACHMENT I

CPS 1979 Documentation # 1

Interview Record Layout: Standard Tape Copies

CURRENT POPULATION SURVEY

INTERVIEW RECORD LAYOUT

FOR STANDARD TAPE COPIES

Attachment A

Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interview	1
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
2	4-6	Household ID Number	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast	1
				North Central	2
				South	3
				West	4

-more-

Word	Char.	Characteristic	Universe	Description		
3	5	Division (From M.S.T.)	All	New England	1	Region 1
				Middle Atlantic	2	
				East North Central	3	Region 2
				West North Central	4	
				South Atlantic	5	Region 3
				East South Central	6	
				West South Central	7	
				Mountain	8	Region 4
				Pacific	9	
	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u>		
				Maine	11	
				New Hampshire	12	
				Vermont	13	
				Massachusetts	14	
				Rhode Island	15	
				Connecticut	16	
				<u>Middle Atlantic Division</u>		
				New York	21	
				New Jersey	22	
				Pennsylvania	23	

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-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All		
				East North Central Division	
				Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				West North Central Division	
				Minnesota	41
				Iowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
				Kansas	47
				South Atlantic Division	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				East South Central Division	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	West South Central Division	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				Mountain Division	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88
				Pacific Division	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

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-more-

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (From M.S.T.)	All	Beginning Jan. '73:	1970 Ranking
				California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26
				Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30

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Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (From M.S.T.)	SMSA's	Beginning Jan. '73:	1970 Ranking
				Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.	04
				Detroit, Mich.	05
				San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Buffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-Ontario, Calif.	29

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Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.-Wash.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42
				Fort Worth, Texas	44
				Birmingham, Ala.	45
				Albany-Schenectady-Troy, N.Y.	46
				Norfolk-Portsmouth, Va.	48
				Akron, Ohio	49
				Gary-Hammond-East Chicago, Ind.	53
				Greensboro-Winston-Salem-High Point, N.C.	57
	5	Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible	-
				Only CPS-1 for household	1
				First CPS-1 of cont. household	2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
	6	Blank			

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Word	Char.	Characteristic	Universe	Description	
			All		
5	1-3	Blank			
	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or A00-199 (Excluding I--)
6	1	Item 12 - LINE NO. H'HLD RESP.	All	Blank or Impossible	-
					1-6
				Non H'hld Resp.	7
	2	Item 13 - TYPE INTERVIEW	All	Blank	-
				Noninterview	1
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	Item 11 - DATE COMPLETED	All	Day of Month	-- or 10-29
	5-6	PADDING			

I-1-9

Word	Char.	Characteristic	Universe	Description	
7	1	Item 20 - Did...do any work at all LAST WEEK?	All	Blank or Impossible Yes No	- 1 2
	2	Item 20B - INTERVIEWER CHECK	All	Blank or Impossible 49+ hours 1-34 hours 35-48 hours	- 1 2 3
	3	Item 21 - Did...have a job or business from which he was temporarily absent or on layoff LAST WEEK?	All	Blank or Impossible Yes No	- 1 2
	4	Item 22 - Has...been looking for work during the past 4 weeks?	All	Blank or Impossible Yes No	- 1 2
	5	Item 24 - INTERVIEWER CHECK ITEM	All	Blank or Impossible Unit is in continuing rotation Unit is in departing rotation	- 1 2
	6	Blank			

I-1-10

-more-

Word	Char.	Characteristic	Universe	Description	
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition.	All	Nonfarm Farm $\geq$ 10 acres Farm $\leq$ 10 acres	1 2 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	Housing Unit House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above Other Unit Qtrs. not HU in rooming or boarding house Unit not permanent in trans. hotel, motel, etc. Tent or trailer site Other not HU	 01 02 03 04 05 06 07 08 09 10
	4	'New' Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm Farm $\geq$ 10 acres Farm $\leq$ 10 acres	1 2 3

I-1-11

Word	Char.	Characteristic	Universe	Description	
8	5	Blank			
	6	Item 9 - HOUSEHOLD NUMBER	All		1-8
9	1	Item 19 (Recode) - What was...doing most of LAST WEEK (Major Activity)?	All	Working With a job Looking House School Unable Other (Incl. Retired)	1 2 3 4 5 6 7
	2-3	Item 20A - How many hours did...work LAST WEEK at all jobs?	ESR 1	Number of Hours	01-99
	4	Item 20C - Does...USUALLY work 35 hours or more a week at this job?	ESR 1 & Item 20A less than 35 hours	Yes No	1 2
	5-6	Item 20C - Reason less than 35 hours a week (Recoded)	ESR 1 & Item 20A less than 35 hours	Slack work Material shortage Plant or machine repair New job started during week Job terminated during week Could find only part-time work Holiday (Legal or Religious) Labor dispute Bad weather Own illness On vacation Too busy with house, school, etc. Did not want full-time work Full-time work week under 35 hours Other reason	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15

Word	Char.	Characteristic	Universe	Description	
10	1	Item 21A - Why was...absent from work LAST WEEK?	ESR 2	Own illness	1
				On vacation	2
				Bad weather	3
				Labor dispute	4
			ESR 3	New job to begin within 30 days	5
				Temporary layoff (under 30 days)	6
				Indefinite layoff (30 days or more or no definite recall date)	7
			ESR 2	Other	8
	2	Item 21B - Is...getting wages or salary for any of the time off LAST WEEK?	ESR 2	Yes	1
				No	2
				Self employed	3
	3	Item 21C - Does...usually work 35 hours or more a week at this job?	ESR 2	Yes	1
				No	2
		Item 22A - What has...been doing in the last 4 weeks to find work?			
		Methods used - through word 11:4. Multiple entries are possible.			
	4	Checked with public employment agency.	ESR 3	Blank	-
				Entry	1
	5	Checked with private employment agency.	ESR 3	Blank	-
				Entry	1

-more-

Word	Char.	Characteristic	Universe	Description	
		Item 22A - Methods (Con't)			
10	6	Checked with employer directly.	ESR 3	Blank Entry	- 1
11	1	Checked with friends or relatives.	ESR 3	Blank Entry	- 1
	2	Placed or answered ads.	ESR 3	Blank Entry	- 1
	3	Nothing	ESR 4-7	Blank Entry	- 1
	4	Other	ESR 3	Blank Entry	- 1
	5	Item 22B - Why did...start looking for work?	ESR 3 Except Layoff in Item 21A, codes 6 & 7	Lost job Quit job Left school Wanted temporary work Other	1 2 3 4 5
12	6 1	Item 22C - Weeks unemployed (New Job starting in 30 days, weeks laid off, or weeks looking for work)	ESR 3	Number of Weeks	00-99
	2	Item 22D - Has...been looking for full-time or part-time work?	ESR 3	Full Part	1 2

-more-

Word	Char.	Characteristic	Universe	Description	
12	3	Item 22E - Digit 1 - Is there any reason why...could not take a job LAST WEEK?	ESR 3	Yes No	1 2
	4	Item 22E - Digit 2 - Is there any reason why...could not take a job LAST WEEK?	ESR 3 & Yes in Digit 1	Already had a job Temporary illness	1 2
			ESR 4-7	Going to school Other	3 4
	5	Item 22F - When did...last work at a full-time job or business lasting 2 consecutive weeks or more? (Recode as of April 1977)	ESR 3 Re-entrants to Labor Force	In Last 5 years Before Last 5 years	1 2
			New entrants to Labor Force	Never worked full-time 2 weeks or more Never worked at all	3 4
	6	Item 24A - When did...last work for pay at a regular job or business, either full- or part-time?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Within past 12 months 1 up to 2 years ago 2 up to 3 years ago 3 up to 4 years ago 4 up to 5 years ago 5 or more years ago Never worked	1 2 3 4 5 6 7

-more-

Word	Char.	Characteristic	Universe	Description	
13	1	Item 24B - Why did...leave that job?	ESR 4-7 and 1-5 in Item 24A	Personal, family or school	1
				Health	2
				Retirement or old age	3
				Seasonal job completed	4
				Slack work or business conditions	5
				Temporary nonseasonal job completed	6
				Unsatisfactory work arrangements	7
				Other	8
	2	Item 24C - Does...want a regular job now, either full- or part-time?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Yes	1
				Maybe, it depends	2
				No	3
				Don't Know	4
		Item 24D - What are the reasons...is not looking for work?			
		Reasons through 15:1. Multiple entries possible.			
	3	Believes no work available in line of work or area	Item 24C is 1 or 2.	Blank	-
				Entry	1
	4	Couldn't find any work	Item 24C is 1 or 2	Blank	-
				Entry	1
	5	Lacks necessary schooling, training, skills or experience	Item 24C is 1 or 2	Blank	-
				Entry	1
	6	Employers think too young or too old	Item 24C is 1 or 2	Blank	-
				Entry	1

Word	Char.	Characteristic	Universe	Description	
		Item 24D - Reasons (Con't)			
14	1	Other personal handicap in finding job	Item 24C is 1 or 2	Blank Entry	- 1
	2	Can't arrange child care	Item 24C is 1 or 2	Blank Entry	- 1
	3	Family responsibilities	Item 24C is 1 or 2	Blank Entry	- 1
	4	In school or other training	Item 24C is 1 or 2	Blank Entry	- 1
	5	Ill health, physical disability	Item 24C is 1 or 2	Blank Entry	- 1
	6	Other	Item 24C is 1 or 2	Blank Entry	- 1
15	1	Don't Know	Item 24C is 1 or 2	Blank Entry	- 1
	2	Item 24E - Does...intend to look for work of any kind in the next 12 months?	ESR 4-7 and Month in Sample is 4 or 8 (Departing rotations)	Yes It depends No Don't Know	1 2 3 4

-more-

Word	Char.	Characteristic	Universe	Description	
15	3	Item 23E - Class of worker (Edited and Recoded)	a) ESR 1 or 2 b) ESR 3 c) ESR 4-7, Month in Sample is 4 or 8 & Item 24A is 1-5.	Private Government Self employed Without pay Never worked or Never worked Full-Time	1 2 3 4 5
	4-6	Item 23B - INDUSTRY	Same as Item 23E (Excluding Never worked)		017-937
		Reference for Industry and Occupation: 1970 Census of Population - INDEX of Industries and Occupations.			
16	1-3	Item 23C - OCCUPATION	Same as Item 23E (Excluding Never worked)		001-984
	4-5	Item 25 - LINE NUMBER	All		01-39
	6	Item 26 - RELATIONSHIP TO HEAD OF HOUSEHOLD	All	Head with other relatives (incl. wife) in household Head with no other relatives in household Wife of head Other relative of head Nonrelative of head with own relatives (incl. wife) in household Nonrelative of head with no own relatives in household	1 2 3 4 5 6

Word	Char.	Characteristic	Universe	Description	
17	1-2	Item 27 - AGE	All		14-99
	3	Item 28 - MARITAL STATUS	All	Married, civilian spouse present	1
				Married, Armed Force spouse present	2
				Married, spouse absent (incl. separated)	3
				Widowed or divorced	4
				Never Married	5
	4	Item 29 - RACE	All	White	1
				Negro	2
				Other	3
	5	Item 30 - SEX	All	Male	1
				Female	2
	6	Item 30 - VETERAN STATUS	Males	Vietnam Era	1
				Korean War	2
				World War II	3
				World War I	4
				Other Service	5
				Nonveteran	6

-more-

Word	Char.	Characteristic	Universe	Description	
18	1-2	Item 31 - HIGHEST GRADE (OF SCHOOL) ATTENDED	All	None	01
				E1	02
				E2	03
				E3	04
				E4	05
				E5	06
				E6	07
				E7	08
				E8	09
				H1	10
				H2	11
				H3	12
				H4	13
				C1	14
				C2	15
				C3	16
				C4	17
				C5	18
				C6+	19
	3	Item 32 - GRADE COMPLETED	All	Yes	1
				No	2
	4	PADDING			
	5	Blank			
	6	PADDING			

Word	Char.	Characteristic	Universe		Description	
19	1	ESR - Employment Status Recode (Last Week)	All	Employed	Working	1
					With job, not at work	2
				Unemployed	Looking	3
				Not in Labor Force	House	4
					School	5
					Unable	6
					Other (Includes Retired)	7
	2	PADDING				
	3	Indicator for principal person of household	All		No	0
					Yes	1
	4-6	Document Count (Within Work Unit)	All			001-999
20	1-3	Work Unit Number (From Breaker Sheet)	All			001 or ΔΔ1-999
					If Breaker was missing	9XX Assigned
	4-5	Month	All			01-12
	6	Year - Last Digit	All			0-9
21 & 22	All	Final Weight	All		Two Understood Decimal Places. (Right justified, space fill -01)	

I-1-21

-more-

Word	Char.	Characteristic	Universe	Description
23	All	PADDING		

Word	Char.	Characteristic	Universe	Description	
24	1	PADDING			
	2-3	PADDING			
	4-6	JRCERR	All	No. of errors charged to Enumerator	000-999
25	1-2	Blank			
	3	PADDING			
	4-6	Blank			
26	1	SMSA Status Code	All	SMSA Non SMSA Not Identifiable	1 2 3
	2	Central City Status Code	All	Central City Balance of SMSA Non SMSA Not Identifiable	1 2 3 4
	3	Blank			
	4	SMSA Size (From M.S.T. - reflecting 1970 Census Population)	All	3 million+ 1 million-2,999,999 Not Identifiable	1 2 Blank

Word	Char.	Characteristic	Universe	Description	
26	5	Item 33 - ETHNICITY	All		
				Mexican American	1
				Chicano	2
				Mexican (Mexicano)	3
				Puerto Rican	4
				Cuban	5
				Central or South American	6
				Other Spanish	7
				All other	8
				Do Not Know	9
				NA	A
	6	PADDING			
27	1-2	Weighting Age Recode	All	14-15 Years old	01
				16-17	02
				18-19	03
				20-21	04
				22-24	05
				25-29	06
				30-34	07
				35-39	08
				40-44	09
				45-49	10
				50-54	11
				55-59	12
				60-61	13
				62-64	14
				65-69	15
				70-74	16
				75+	17

I-1-24

Word	Char.	Characteristic	Universe	Description	
27	3	Blank			
	4	RACE Recode	All	White Other	1 2
	5	Blank			
	6	Blank			
28	1	Part time status	All	P.T. for Econ. reason Vol. Part time workers All other	5 6 0

Word	Char.	Characteristic	Universe	Description	
28	2	Race-Sex Recode	All	Male white	1
				Female white	2
				Male other	3
				Female other	4
	3	Agri. Wage and Salary	All	Not in Universe	0
				In Universe	1
	4	Labor Force status	All	Civilian Labor Force	3
				Not in Labor Force	4
	5	Full time or Part time status	All	Not in Labor Force	0
				Employed full time	1
				Part time for economic reasons	2
				Unemployed full time	3
				Employed part time	4
				Unemployed part time	5
	6	Experienced Labor Force Employment Status	All	Not in experienced Labor Force	0
				Employed	1
				Unemployed	2
29	1	Household relationship	All	Male head, living with relatives	1
				Male head, living without relatives	2
				Male relative of head	3
				Male nonrelative of head	4
				Female head, living with relatives	5
				Female head, living without relatives	6
				Wife of head	7
				Female relative of head	8
				Female nonrelative of head	9

I-1-26

Word	Char.	Characteristic	Universe	Description	
29	2	Employed Class of Worker	All	Not Employed	0
				Private	1
				Government	2
				Self-employed	3
				Unpaid family	4
	3	Major Occupation W & S Group (II)	Wage & Salary	Agri., Pri. Hhld & Never Worked	0
				Professional, technical, & kindred workers	1
				Managers & administrators, except farm	2
				Sales Workers	3
				Clerical & kindred workers	4
				Craftsmen & kindred workers	5
				Operatives, except transport	6
				Transport Equipment operatives	7
				Nonfarm Laborers	8
				Service workers, except private household	9
	4	Labor Force by time worked or lost	All	Not in Labor Force	0
				At work	1
				With job, not at work	2
				Unemployed, seeking full time	3
				Unemployed, seeking part time	4
	5	Duration of unemployment	All	Not Unemployed	0
				Less than 5 weeks	1
				5 and 6 weeks	2
				7 to 10 weeks	3
				11 to 14 weeks	4
				15 to 26 weeks	5
				27 to 39 weeks	6
				40 to 51 weeks	7
				52 weeks and over	8

Word	Char.	Characteristic	Universe	Description	
29	6	Civilian Labor Force	All	Not in Universe In Universe	0 1
30	1	Unemployed	All	Not in Universe In Universe	0 1
	2	Unemployed 15 weeks, or more	All	Not in Universe In Universe	0 1
	3	Other NILF	All	Not in Universe In Universe	0 1
	4	Full Time Labor Force	All	Not in Universe In Universe	0 1
	5	Looking for full time work	All	Not in Universe In Universe	0 1
	6	Wage and salary worker	All	Not in Universe In Universe	0 1
31	1	Employed persons	All	Not in Universe In Universe	0 1
	2	Employed persons (Excluding farm worker & Private H'hld Workers)	All	Not in Universe In Universe	0 1
	3	Experienced Labor Force	All	Not in Universe In Universe	0 1
	4	Full time experienced Labor Force	All	Not in Universe In Universe	0 1

Word	Char.	Characteristic	Universe	Description	
31	5	Full time employed and economic part time	All	Not in Universe In Universe	0 1
	6	Non-agriculture industries	All	Not in Universe In Universe	0 1
32	1	Non-agriculture wage and salary worker	All	Not in Universe In Universe	0 1
	2	Agriculture	All	Not in Universe In Universe	0 1
	3	White collar workers	All	Not in Universe In Universe	0 1
	4	Blue collar workers	All	Not in Universe In Universe	0 1
	5	Manufacturing wage and salary	All	Not in Universe In Universe	0 1
	6	Private wage and salary	All	Not in Universe In Universe	0 1
33	1	Part time for noneconomic reasons	All	Not in Universe In Universe	0 1
	2	Persons seeking full time work (W & S)	All	Not in Universe In Universe	0 1
	3	Unemployed with no previous work experience	All	Not in Universe In Universe	0 1

-more-

Word	Char.	Characteristic	Universe	Description	
33	4	Full time Labor Force Recode	All	Not in Universe	0
				Employed Full Time	3
				Looking for Full Time Work	4
	5	Program Signal	All		0
	6	Program Signal	All		1
34	1-2	Age 1	All	14-15	00
				16-17	01
				18-19	02
				20-24	03
				25-34	04
				35-44	05
				45-54	06
				55-59	07
				60-64	08
				65+	09
	3-4	Age 1A (16-21 years)	All	Not 16-21	00
				16-21 Yrs. School	10
				16-21 Yrs. Other	11
	5-6	Age 2	All	Less than 25 years	00
				25-29	01
				30-34	02
				35-39	03
				40-44	04
				45-49	05
				50-54	06
				55-59	07
				60-61	08
				62-64	09
				65-69	10
				70+	11

-more-

Word	Char.	Characteristic	Universe	Description
35	1-2	Major Activity Ages 16-24	All	Major Activity

Age	School	Other: MALE or FEM. MSP	Other: FEM Not MSP
16	1	10	19
17	2	11	20
18	3	12	21
19	4	13	22
20	5	14	23
21	6	15	24
22	7	16	25
23	8	17	26
24	9	18	27
All Others			00

Word	Char.	Characteristic	Universe	Description
	3-4	Age 4	All	Less than 55 years: 00
				55 years: 01
				56 " : 02
				57 " : 03
				58 " : 04
				59 " : 05
				60 " : 06
				61 " : 07
				62 " : 08
				63 " : 09
				64 " : 10
				65 " : 11
				66 " : 12
				67 " : 13
				68 " : 14
				69 " : 15
				70 " : 16
				71 " : 17
				72 " : 18
				73 " : 19
				74 " : 20
				75+ " : 21

-more-

Word	Char.	Characteristic	Universe	Description
35	5-6	Employed status (civilian noninstitutional population)	All	Employed in Agriculture 01 Employed in Nonagriculture 02 Unemployed 03 NILF House 04 School 05 Unable 06 Other Unpaid family worker (1-14 hours,) Agriculture 07 Unpaid family worker (1-14 hours,) Nonagriculture 08 Farm residents 09 Nonfarm residents 10
36	1-2	Marital status by Age 1	All	Age / Single / MSP / MSA / WID/DIV 16-17 01 12 23 34 18-19 02 13 24 35 20-24 03 14 25 36 25-34 04 15 26 37 35-44 05 16 27 38 45-54 06 17 28 39 55-59 07 18 29 40 60-64 08 19 30 41 65+ 09 20 31 42 Less than 16 years old - 00
	3-4	Marital status by activity Age 1A	All	Activity / Single / MSP / MSA / WID/DIV School 10 21 32 43 Other 11 22 33 44 Not 16-21 years old - 00

Word	Char.	Characteristic	Universe	Description	
36	5-6	Major Industry (II)	Civ. Labor Force	Never Worked	00
				Agriculture	01
				Mining	02
				Construction	03
				Manufacturing	
				Durable goods	04
				Nondurable goods	05
				Transportation and public utilities	
				Railroads and railway express	06
				Other transportation	07
				Other utilities	08
				Wholesale and retail trade	
				Wholesale trade	09
				Retail trade	10
				Finance, insurance, and real estate	11
				Private household service	12
				Miscellaneous service	
				Business and repair	13
				Personal, except private household	14
				Entertainment and recreation	15
				Medical, except hospitals	16
				Hospitals	17
				Welfare and religious	18
				Education	19
				Other professional services	20
				Forestry and fisheries	21
				Public administration	22

Word	Char.	Characteristic	Universe	Description		
37	1-2	Detailed class of worker	All	Not in Labor Force		00
				Agriculture		
				Wage & Salary		01
				Self-employed		02
				Unpaid family		03
				Nonagriculture wage and salary		
				Private households		04
				Government		05
				Other private		
				Goods - producing industries		
				White collar occupations		06
				Blue collar occupations		07
				Service occupations		08
				Service-producing industries		
				White collar occupations		09
				Blue collar occupations		10
				Service occupations		11
				Self-employed		12
				Unpaid family		13
				No previous full time work experience		14
	3-4	Class of worker Employed-Unemployed	Civ. Labor Force	C/W	EMP	UNEMP
				Private	01	05
				Government (Federal, Local, and State)	02	06
				Self-employed	03	07
				Unpaid family	04	08
				Never Worked		00

-more-

Word	Char.	Characteristic	Universe	Description	
37	5-6	Major Industry (I)	Civ. Labor Force	Agriculture, Private Household workers & Never worked	00
				Mining	01
				Construction	02
				Manufacturing	
				Durable goods	03
				Nondurable goods	04
				Transportation and public utilities	
				Railroads and railway express	05
				Other transportation	06
				Other utilities	07
				Wholesale and retail trade	
				Wholesale trade	08
				Retail trade	09
				Finance, insurance, and real estate	10
				Miscellaneous services	
				Business and repair	11
				Personal, except private household	12
				Entertainment and recreation	13
				Medical, except hospitals	14
				Hospitals	15
				Welfare and religious	16
				Education	17
				Other professional services	18
				Forestry and fisheries	19
				Public administration	20

-more-

Word	Char.	Characteristic	Universe	Description	
38	1-2	Detailed Industry	Civ. Labor Force	Never Worked	00
				Goods-producing industries	
				Agricultural production	01
				Agricultural services	02
				Mining	03
				Construction	04
				Manufacturing	
				Durable goods	
				Ordnance	05
				Lumber	06
				Furniture	07
				Stone, clay, glass	08
				Primary metals	09
				Fabricated metals (incl. not spec. metal)	10
				Machinery, exc. elect.	11
				Electrical equipment	12
				Transportation equipment	
				Automobiles	13
				Aircraft	14
				Other transportation equip.	15
				Instruments	16
				Miscellaneous	17
				Nondurable goods	
				Food	18
				Tobacco	19
				Textiles	20
				Apparel	21
				Paper	22
				Printing	23
				Chemicals	24
				Petroleum	25
				Rubber and plastics	26
				Leather and not specified manufacturing	27

-more-

Word	Char.	Characteristic	Universe	Description	
38	1-2	Detailed Industry (Con't)	Civ. Labor Force	Service-producing industries	
				Transportation and public utilities	
				Railroads and railway express	28
				Other transportation	29
				Communications	30
				Other public utilities	31
				Trade	
				Wholesale	32
				Retail	
				Eating and drinking places	33
				Other retail	34
				Finance, insurance, and real estate	
				Banking and other finance	35
				Insurance and real estate	36
				Private household service	37
				Miscellaneous services	
				Business and repair	
				Business	38
				Repair	39
				Personal services, except private household	40
				Entertainment and recreation	41
				Professional services	
				Medical, except hospitals	42
				Hospitals	43
				Welfare and religious	44
				Educational	45
				Other professional	46
				Forestry and fisheries	47
				Public administration	
				Postal	48
				Other federal	49
				State	50
				Local	51

-more-

Word	Char.	Characteristic	Universe	Description	
38	3-4	Major Occupation Group (I)	Civ. Labor Force	White-collar workers	
				Professional, technical, and kindred workers	01
				Managers and administrators, except farm	02
				Sales workers	03
				Clerical and kindred workers	04
				Blue-collar workers	
				Craftsmen and kindred workers	05
				Operatives, except transport	06
				Transport equipment operatives	07
				Nonfarm laborers	08
				Service workers	
				Private household workers	09
				All other service workers	10
				Farm workers	
				Farmers and farm managers	11
				Farm laborers and foremen	12
				No previous full-time work experience	13
	5-6	Detailed Occupation	Civ. Labor Force	Never worked	00
				Professional, technical, and kindred workers	
				Engineers	01
				Physicians, dentists, and related practitioners	02
				Health workers, except practitioners	03
				Teachers, except college	04
				Engineering and science technicians	05
				Other professional--salaried	06
				Other professional--self-employed	07

-more-

Word	Char.	Characteristic	Universe	Description	
38	5-6	Detailed Occupation (Con't)	Civ. Labor Force	Managers and administrator, except farm	
				Salaried--Manufacturing	08
				Salaried--Other industries	09
				Self-employed--retail trade	10
				Self-employed--other industries	11
				Sales workers	
				Retail trade	12
				Other	13
				Clerical workers	
				Bookkeepers	14
				Office machine operators	15
				Stenographers, typists, and secretaries	16
				Other clerical workers	17
				Craftsmen and kindred workers	
				Carpenters	18
				Other construction craftsmen	19
				Foremen (n.e.c.)	20
				Machinists and job setters	21
				Metal craftsmen, except mechanics and machinists and job setters	22
				Mechanics--auto	23
				Mechanics, except auto	24
				All other craftsmen	25
				Operatives, except transport	
				Mine workers	26
				Motor vehicles and equipment	27
				Other durable goods	28
				Nondurable goods	29
				All other	30
				Transport equipment operatives	
				Drivers and deliverymen	31
				All others	32

-more-

Word	Char.	Characteristic	Universe	Description	
38	5-6	Detailed Occupation (Con't)	Civ. Labor Force	Nonfarm laborers	
				Construction	33
				Manufacturing	34
				All other	35
				Private household workers	36
				Service workers, except private household	
				Cleaning service	37
				Food service	38
				Health service	39
				Personal service	40
				Protective service	41
				Farmers and farm managers	42
				Farm laborers and foremen	
				Paid laborers and foremen	43
				Unpaid family laborers	44
39	1-2	Manufacturing	Civ. Labor Force	Never worked or not Mfg. Ind.	00
				Durable goods	
				Ordnance	01
				Lumber	02
				Furniture	03
				Stone, clay, glass	04
				Primary metals	05
				Fabricated metals (incl. not spec. metal)	06
				Machinery, exc. elect.	07
				Electrical equipment	08
				Transportation equipment	
				Automobiles	09
				Aircraft	10
				Other transportation equipment	11
				Instruments	12
				Miscellaneous	13

-more-

Word	Char.	Characteristic	Universe	Description	
39	1-2	Manufacturing (Con't)	Civ. Labor Force	Nondurable goods	
				Food	14
				Tobacco	15
				Textiles	16
				Apparel	17
				Paper	18
				Printing	19
				Chemicals	20
				Petroleum	21
				Rubber and plastics	22
				Leather and not specified manufacturing	23
	3-4	Reason not at work or hours at work	All	Unemployed and NILF	00
				With a job but not at work	
				Illness	01
				Vacation	02
				Bad weather	03
				Labor dispute	04
				All other	05
				At work	
				1-4 hours	06
				5-14 hours	07
				15-21 hours	08
				22-29 hours	09
				30-34 hours	10
				35-39 hours	11
				40 hours	12
				41-47 hours	13
				48 hours	14
				49-59 hours	15
				60 hours or more	16,

-more-

Word	Char.	Characteristic	Universe	Description	
39	5-6	At work 1-34 hours by hours at work	ESR = 1 (Person's at work) and 20A is less than 35	Usually full time, part time for noneconomic reasons	00
				Usually work full time, part time for economic reasons	
				1-4 hours	01
				5-14 hours	02
				15-29 hours	03
				30-34 hours	04
				Usually work part time, economic reasons	
				1-4 hours	05
				5-14 hours	06
				15-29 hours	07
				30-34 hours	08
				Usually work part time, noneconomic reasons	
				1-4 hours	09
				5-14 hours	10
				15-29 hours	11
				30-34 hours	12
40	1-2	Detailed reason by hours 1-34	ESR = 1 (At Work) and 20A is less than 35	Not In Universe	00
				Usually work full time	
				Slack work	01
				Material shortages; plant or machine repair	02
				New job started	03
				Job terminated	04
				Holiday	05
				Labor dispute	06
				Bad weather	07
				Own illness	08
				On vacation	09
				All other	10

-more-

Word	Char.	Characteristic	Universe	Description	
40	1-2	Detailed reason by hours 1-34 (Con't)	ESR = 1 (At work) and 20A is less than 35	Usually work part time	
				Slack work	11
				Could find only part time work	12
				Own illness	13
				Too busy or did not want full time	14
				Full-time work week is under 35 hours	15
				All other	16
	3-4	Reason not at work and pay status	ESR = 2 (with job; not at work)	Not In Universe	00
				Usually work full time	
				Paid	
				Vacation	01
				Illness	02
				All other	03
				Not Paid	
				Vacation	04
				Illness	05
				All other	06
				Usually work part time	
				Paid	
				Vacation	07
				Illness	08
				All other	09
				Not Paid	
				Vacation	10
				Illness	11
				All other	12
	5-6	Program Signal	All		50

Word	Char.	Characteristic	Universe	Description	
41	1	Item 5a	All	Not Allocated Allocated	0 1
	2	4			
	3	5b			
	4	9			
	5	All Labor Force Items			
	6	ESR			
42	1	26			
	2	30 - Sex			
	3	29			
	4	28			
	5	27			
	6	32			
43	1	31			
	2	30 - Veteran Status			
	3	19			
	4	23B			
	5	23C			
	6	23E			

I-1-44

Word	Char.	Characteristic	Universe	Description	
44	1	20A	All	Not Allocated	0
				Allocated	1
	2	20C			
	3	21A			
	4	21B			
	5	21C			
	6	22C			
45	1	22D			
	2	22F			
	3	24A			
	4	24B			
	5	24C			
	6	24D			
46	1	22A			
	2	22E			
	3	25			
	4	22B			
	5	24E			
	6	Geographic Identification			

ATTACHMENT I

CPS 1979 Documentation # 2

Noninterview Type A record Layout: For standard Tape Copies

CURRENT POPULATION SURVEY

NONINTERVIEW TYPE A RECORD LAYOUT

FOR STANDARD TAPE COPIES

CONTAINING A/C/D DATA

Attachment B

Word	Char.	Characteristic	Universe	Description	
1	1	Record Type	All	Noninterview Type A	2
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	Blank			
	4-6	Household ID Number (Word 1; Character 5 will always be blank)	All		
2	1-6				
3	1-3				
	4	Region (From M.S.T.)	All	Northeast	1
				North Central	2
				South	3
				West	4
	5	Division (From M.S.T.)	All	New England	1 Region 1
				Middle Atlantic	2 Region 1
				East North Central	3 Region 2
				West North Central	4 Region 2
				South Atlantic	5 Region 3
				East South Central	6 Region 3
				West South Central	7 Region 3
				Mountain	8 Region 4
				Pacific	9 Region 4

I-2-1

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	New England Division	
				Maine	11
				New Hampshire	12
				Vermont	13
				Massachusetts	14
				Rhode Island	15
				Connecticut	16
				Middle Atlantic Division	
				New York	21
				New Jersey	22
				Pennsylvania	23
				East North Central Division	
				Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				West North Central Division	
				Minnesota	41
				Iowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
				Kansas	47

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	South Atlantic Division	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				East South Central Division	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64
				West South Central Division	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				Mountain Division	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88

I-2-3

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	Pacific Division	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95
4	1-2	State Rankings (From M.S.T.)	All	Beginning Jan. '73:	1970 Ranking
				California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26

-more-

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51
4	3-4	SMSA Rankings (From M.S.T.)	SMSA's	Beginning Jan. '73:	1970 Ranking
				Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.-N.J.	04
				Detroit, Mich.	05

I-2-5

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (From M.S.T.) (Con't)	SMSA's	San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio-Ky.	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Buffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-Ontario, Calif.	29
				Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42

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-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Fort Worth, Texas	44
				Birmingham, Ala.	45
				Albany-Schenectady-Troy, N.Y.	46
				Norfolk-Portsmouth, Va.	48
				Akron, Ohio	49
				Gary-Hammond-East Chicago, Ind.	53
				Greensboro-Winston-Salem High Point, N.C.	57
	5	Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible	-
				Only CPS-1 for household	1
				First CPS-1 of cont. household	2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
	6	Blank			
5	1-3	Blank			
	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit	-HA, or AØØ-M99 (Excluding I--)
6	1	Item 12 - LINE NO. H'HLD RESP.	All	Blank or Impossible	-
					1-6
				Non H'hld Resp.	7
	2	Item 13 - TYPE INTERVIEW	All	Noninterview	1

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-more-

Word	Char.	Characteristic	Universe	...ription	
6	3-4	Item 11 - DATE COMPLETED	All		-- or 10-29
	5 6	PADDING			
7	1	Item 14 - RACE OF HEAD	All		1 2 3
	2	Item 14 - REASON	All	absent	1 2 3 4
	3-5	PADDING			
	6	Blank			
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition.	All	...ures ...res	1 2 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	..., flat ...nsient hotel, etc. ...t, in trans. ...l, etc. ...g house ... or Trailer ...ified above	01 02 03 04 05 06

I-2-8

-more-

Word	Char.	Characteristic	Universe	Description	
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit	
				Qtrs. not HU in rooming or boarding house	07
				Unit not permanent in trans. hotel, motel, etc.	08
				Tent or trailer site	09
				Other not HU	10
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/ Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm	1
				Farm ≥ 10 acres	2
				Farm < 10 acres	3
	5	Blank			
	6	Item 9 - HOUSEHOLD NUMBER (Unedited)	All	Blank	-
				1-8	1-8
9 through 19	1-2	PADDING			
	3	Household Indicator	All		1
	4-6	Document Count (Within Work Unit)	All		ØØ1-999
20	1-3	Work Unit Number (From Breaker Sheet)	All		001 or ΔΔ1-999
				If Breaker was missing	9XX Assigned

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-more

Word	Char.	Characteristic	Universe	Description	
20	4-5	Month	All		01-12
	6	Year - Last Digit	All		0-9
21	1-6	Fill	All	(Binary 01)	
22	1-5				
	6	Final Weight	All	"Regular Type A"	1
				Sub Sample	2-4
23	All	Blank			
24	1	Blank			
	2-3	PADDING			
	4-6	JRCERR		No. of errors charged to enumerator	000-999
25	1-2	Blank			
	3	PADDING			
	4-6	Blank			
26	1	SMSA Status Code	All	SMSA	1
				Non SMSA	2
				Not Identifiable	3
	2	Central City Status Code	All	Central city	1
				Balance of SMSA	2
				Non SMSA	3
				Not Identifiable	4

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-more-

Word	Char.	Characteristic	Universe	Description	
26	3	Blank			
	4	SMSA Size (From M.S.T. - Beginning Jan. 1973 reflecting 1970 Census Population)	All	3 million+ 1 million-2,999,999 Not Identifiable	1 2 Blank
	5-6	PADDING			
27	1-3	Blank			
	4	RACE (Recode)	All	White Other	1 2
	5-6	Blank			
28 through 40	1 through 6	Blank			

I-2-11

Word	Char.	Characteristic	Universe	Description
41	1	Item 5a	All	Not Allocated 0 Allocated 1
	2	4		
	3	5b		
	4	9		
	5	All Labor Force Items		
	6	ESR		
42	1	26		
	2	30 - Sex		
	3	29		
	4	28		
	5	27		
	6	32		
43	1	31		
	2	30 - Veteran Status		
	3	19		
	4	23B		
	5	23C		
	6	23E		

Word	Char.	Characteristic	Universe	Description	
44	1	20A	All	Not Allocated Allocated	0 1
	2	20C			
	3	21A			
	4	21B			
	5	21C			
	6	22C			
45	1	22D			
	2	22F			
	3	24A			
	4	24B			
	5	24C			
	6	24D			
46	1	22A			
	2	22E			
	3	25			
	4	22B			
	5	24E			
	6	Geographic Identification			
47 through 60	1 through 6	PADDING			

I-2-13

ATTACHMENT I

CPS 1979 Documentation # 3

Noninterview Type B-C record Layout: For standard Tape Copies

CURRENT POPULATION SURVEY

NONINTERVIEW TYPE B-C RECORD LAYOUT

FOR STANDARD TAPE COPIES

CONTAINING A/C/D DATA

Attachment C

Word	Char.	Characteristic	Universe	Description		
1	1	Record Type	All	Noninterview Type B or C		3
	2	Month in Sample (Recoded from Month and Rotation)	All			1-8
	3	Blank				
	4-6	Household ID Number (Word 1; Character 5 will always be blank)	All			
2	1-6					
3	1-3					
	4	Region (From M.S.T.)	All	Northeast		1
				North Central		2
				South		3
				West		4
	5	Division (From M.S.T.)	All	New England	1	Region 1
				Middle Atlantic	2	
				East North Central	3	Region 2
				West North Central	4	
				South Atlantic	5	Region 3
				East South Central	6	
				West South Central	7	
				Mountain	8	Region 4
				Pacific	9	

I-3-1

-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	New England Division	
				Maine	11
				New Hampshire	12
				Vermont	13
				Massachusetts	14
				Rhode Island	15
				Connecticut	16
				Middle Atlantic Division	
				New York	21
				New Jersey	22
				Pennsylvania	23
				East North Central Division	
				Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				West North Central Division	
				Minnesota	41
				Iowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
				Kansas	47

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-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	South Atlantic Division	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				East South Central Division	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64
				West South Central Division	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				Mountain Division	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88

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-more-

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	Pacific Division	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95
4	1-2	State Rankings (From M.S.T.)	All	Beginning Jan. '73:	1970 Ranking
				California	01
				New York	02
				Pennsylvania	03
				Texas	04
				Illinois	05
				Ohio	06
				Michigan	07
				New Jersey	08
				Florida	09
				Massachusetts	10
				Indiana	11
				North Carolina	12
				Missouri	13
				Virginia	14
				Georgia	15
				Wisconsin	16
				Tennessee	17
				Maryland	18
				Minnesota	19
				Louisiana	20
				Alabama	21
				Washington	22
				Kentucky	23
				Connecticut	24
				Iowa	25
				South Carolina	26

Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oklahoma	27
				Kansas	28
				Mississippi	29
				Colorado	30
				Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51
4	3-4	SMSA Rankings (From M.S.T.)	SMSA's	Beginning Jan. '73:	1970 Ranking
				Not an SMSA and all other SMSA's	00
				New York, N.Y.	01
				Los Angeles-Long Beach, Calif.	02
				Chicago, Ill.	03
				Philadelphia, Pa.-N.J.	04
				Detroit, Mich.	05

I-3-5

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (From M.S.T.) (Con't)	SMSA's	San Francisco-Oakland, Calif.	06
				Washington, D.C.-Md.-Va.	07
				Boston, Mass.	08
				Nassau-Suffolk, N.Y.	09
				Pittsburgh, Pa.	10
				St. Louis, Mo.-Ill.	11
				Baltimore, Md.	12
				Cleveland, Ohio	13
				Houston, Texas	14
				Newark, N.J.	15
				Minneapolis-St. Paul, Minn.	16
				Dallas, Texas	17
				Seattle-Everett, Wash.	18
				Anaheim-Santa Ana-Garden Grove, Calif.	19
				Milwaukee, Wis.	20
				Atlanta, Ga.	21
				Cincinnati, Ohio-Ky.	22
				Paterson-Clifton-Passaic, N.J.	23
				San Diego, Calif.	24
				Buffalo, N.Y.	25
				Miami, Fla.	26
				Kansas City, Mo.-Kan.	27
				Denver, Colo.	28
				San Bernardino-Riverside-Ontario, Calif.	29
				Indianapolis, Ind.	30
				San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.	34
				Columbus, Ohio	36
				Rochester, N.Y.	38
				Sacramento, Calif.	42

-more-

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Fort Worth, Texas	44
				Birmingham, Ala.	45
				Albany-Schenectady-Troy, N.Y.	46
				Norfolk-Portsmouth, Va.	48
				Akron, Ohio	49
				Gary-Hammond-East Chicago, Ind.	53
				Greensboro-Winston-Salem High Point, N.C.	57
	5	Item 1 - INTERVIEWER CHECK ITEM	All	Blank or Impossible	-
				Only CPS-1 for household	1
				First CPS-1 of cont. household	2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
	6	Blank			
5	1-3	Blank			
	4-6	Item 10 - INTERVIEWER CODE	All	Blank or Impossible in any digit	-NA, or AØØ-M99 (Excluding I--)
6	1	Item 12 - LINE NO. H'HLD RESP.	All	Blank or Impossible	-
					1-6
				Non H'hld Resp.	7
	2	Item 13 - TYPE INTERVIEW	All	Noninterview	1

I-3-7

-more-

Word	Char.	Characteristic	Universe	Description	
6	3-4	Item 11 - DATE COMPLETED	All	Day of Month	-- or 10-29
	5, 6	PADDING			
7	1-2	Item 15 - TYPE B OR C (Recode)	All		
				Type B	
				Vacant - regular	01
				Vacant - storage of h'hld furniture	02
				Temp. occ. by persons with URE	03
				Unfit or to be demolished	04
				Under construction, not ready	05
				Converted to temp. business or storage	06
				Occ. by AF members or persons under 14	07
				Unoccupied tent site or trailer site	08
				Permit granted, construction not started	09
				Other	10
				Type C	
				Demolished	11
				House or trailer moved	12
				Outside segment	13
				Converted to permanent business or storage	14
				Merged	15
				Condemned	16
				Built after April 1, 1960 (1970)	17
				Unused line of listing sheet (Added July 1977)	18
				Other	19

-more-

Word	Char.	Characteristic	Universe	Description	
7	3-5	PADDING			
	6	Blank			
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition.	All	Nonfarm Farm ≥ 10 acres Farm < 10 acres	1 2 3
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	Housing Unit House, apt., flat HU in nontransient hotel, etc. HU, permanent, in trans. hotel, motel, etc. HU in rooming house Mobile home or Trailer HU not specified above	 01 02 03 04 05 06

I-3-9

-more-

Word	Char.	Characteristic	Universe	Description	
8	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (Con't)	All	Other Unit	
				Qtrs. not HU in rooming or boarding house	07
				Unit not permanent in trans. hotel, motel, etc.	08
				Tent or trailer site	09
				Other not HU	10
	4	"New" Farm Definition (Recode) Effective February 1976. (Edited using Urban/ Rural Code from M.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Nonfarm	1
				Farm ≥ 10 acres	2
				Farm < 10 acres	3
	5	Blank			
	6	Item 9 - HOUSEHOLD NUMBER (Unedited)	All	Blank	-
				1-8	1-8
9 through 19	1-2	PADDING			
	3	Household Indicator	All		1
	4-6	Document Count (Within Work Unit)	All		ØØ1-999
20	1-3	Work Unit Number (From Breaker Sheet)	All		001 or ΔΔ1-999
				If Breaker was missing	9XX Assigned

I-3-10

-more

Word	Char.	Characteristic	Universe	Description	
20	4-5	Month	All		01-12
	6	Year - Last Digit	All		0-9
21	1-6	Fill	All	(Binary 01)	
22	1-5				
	6	Final Weight	All	"Regular Type B-C"	1
				Sub Sample	2-4
23	All	Blank			
24	1	Blank			
	2-3	PADDING			
	4-6	JRCERR		No. of errors charged to enumerator	000-999
25	1-2	Blank			
	3	PADDING			
	4-6	Blank			
26	1	SMSA Status Code	All	SMSA	1
				Non SMSA	2
				Not Identifiable	3
	2	Central City Status Code	All	Central city	1
				Balance of SMSA	2
				Non SMSA	3
				Not Identifiable	4

I-3-11

-more-

Word	Char.	Characteristic	Universe	Description	
26	3	Blank			
	4	SMSA Size (From M.S.T. - Beginning Jan. 1973 reflecting 1970 Census Population)	All	3 million+ 1 million-2,999,999 Not Identifiable	1 2 Blank
	5-6	PADDING			
27	1-3	Blank			
	4	PADDING			
	5-6	Blank			
28 through 40	1 through 6	Blank			

I-3-12

Word	Char.	Characteristic	Universe	Description
41	1	Item 5a	All	Not Allocated Allocated
	2	4		
	3	5b		
	4	9		
	5	All Labor Force Items		
	6	ESR		
42	1	26		
	2	30 - Sex		
	3	29		
	4	28		
	5	27		
	6	32		
43	1	31		
	2	30 - Veteran Status		
	3	19		
	4	23B		
	5	23C		
	6	23E		

0
1

Word	Char.	Characteristic	Universe	Description	
44	1	20A	All	Not Allocated	0
				Allocated	1
	2	20C			
	3	21A			
	4	21B			
	5	21C			
	6	22C			
45	1	22D			
	2	22F			
	3	24A			
	4	24B			
	5	24C			
	6	24D			
46	1	22A			
	2	22E			
	3	25			
	4	22B			
	5	24E			
	6	Geographic Identification			
47 through 60	1 through 6	PADDING			

I-3-14

ATTACHMENT I

CPS 1979 Documentation # 4

Education Supplement: Adult Record

CURRENT POPULATION SURVEY
October 1979 Education Supplement
Adult Record

PUBLIC USE TAPE

Interview Records Only

Word	Chár.	Item	Universe	Characteristics	Description
21 & 22	All		All	Weight - October Supplement (Basic CPS Weight adjusted to October composite estimate controls, HUTOCT program). For documentation of differences between inflation of basic CPS estimates and the addition of composite estimate for the October Education Supplement, see memorandum for Mr. Charles E. Johnson, Jr., dated March 27, 1970.	Two understood decimal places (Right justified, ignore (/) fill)

I-4-1

-more-

Record	Char.	Item	Characteristics	Universe	Description	
			UNEDITED CPS ITEMS			
61	1-3		PADDING			
	4		Tenure	All	Owned	6
					Rented	7
					No Cash Rent	8
					NA	-
	5		Family Income	All	Under $1,000	0
					$1,000 - $1,999	1
					$2,000 - $2,999	2
					$3,000 - $3,999	3
					$4,000 - $4,999	4
					$5,000 - $5,999	5
					$6,000 - $7,499	6
					$7,500 - $9,999	7
					$10,000 - $11,999	8
					$12,000 - $14,999	9
					$15,000 - $19,999	A
					$20,000 - $24,999	B
					$25,000 - $49,999	C
					$50,000+	D
					Blank	¥, -
	6		Boys		0-9+ (Binary 00, if blank)	
62	1		Girls		0-9+ (Binary 00, if blank)	
62	2 THRU 6		PADDING			

-more-

Work	Char.	Item	Universe	Characteristics	Description	
			NON-BASIC EDITED ITEMS (GROUP2 PROGRAM)			
63	1 [illegible]	29	I26=yes I28=E1 - H4	Public or Pvt. school	Public Private Not in universe	1 2 X
	2 [illegible]	30	I29=Private		Church Related Not Church Related NA Not in universe	1 2 3 X
	3-6 [illegible]	31	I29=Private	Amount of Tuition and fees for the school year	None Dollar Am't NA Not in universe	0000 0001-9997 9998 XXXX
64	1 [illegible]	32	I28=E1 - H4	Interviewer Check Item	Enrolled E1-H1 Enrolled H2-H4 Not in universe	1 2 X
		I33	I28=H2-H4	Is . . . taking courses in These subjects in High School?		
	2 [illegible]	I33		(a) Foreign Language	Yes NA or Not in universe	1 X
	3 [illegible]	I33		(b) Chemistry or Physics	Yes NA or Not in universe	1 X
	4 [illegible]	I33		(c) Algebra 2 or 3 Geometry, Trig, Pre-Calc., or Calculus	Yes NA or Not in universe	1 X
	5 [illegible]	I33		(d) Business Education	Yes NA or Not in universe	1 X
	6 [illegible]	I33		(e) Personal Typing	Yes NA or Not in universe	1 X
65	1 [illegible]	I33		(f) Shop		
	2 [illegible]	I33		(g) Agriculture or Horticulture	Yes NA or Not in universe	1 X
	3 [illegible]	I33		(h) Health Occupation	Yes NA or Not in universe	1 X

I-4-3

-more-

Word	Char.	Item	Universe	Characteristics	Description
65	4	I33	I28=#2-H4	(I) Home Economics	Yes 1 No X
	5	"		(J) Cosmetology	Yes 1 No X
	6	"		(K) Sales and Marketing	Yes 1 No X
66	1	I33		(L) None of the above	Yes 1 No X
	2	I34	I28=H2-H4	Planning to attend a two-year college	Yes 1 No 2 Maybe 3 NA 4 Not in universe X
	3	I35		Also plan to attend a four-year college	Yes 1 No 2 Maybe 3 NA 4 Not in universe X
	4	I36	I28=H2-H4	Entry of "yes" or	Entry of "yes" or "maybe" in I34 or I35 (end questions) 1 "no" in items 34 and 35 2 Not in universe X
	5	I37	I36=2	Plan to attend any other school	Yes 1 Maybe 2 No 3 NA 4 Not in universe X

I-4-4

-more-

Word	Char.	Item	Universe	Characteristics	Description	
66	6	I38	Not enrolled or enrolled in spec. school	Taking any courses other than on the job training?	Yes	1
					No	2
					NA	3
					Not in Universe	¢
67	1	41	I28-C1-C6+	What degree is ... working toward?	Associate (A.A.)	1
					Bachelors	2
					Masters	3
					Doctorate (PhD)	4
					Professional (MD, DDS, LAW)	5
					Vocational Certificate	6
					Not working toward degree	7
					NA	8
					Not in Universe	¢
67 THRU 70	2 THRU 3			PADDING		
				UNEDITED BASIC DATA		
	4	42		Interviewer Check Item	Blank	¢
					Age 14-34	0
					Age 35+	1
	5	39		Is this a two-year or a four-year college or university?	Blank	¢
					2-year	0
					4-year	1
	6			PADDING		
				EDITED (GROUP PROGRAM)		
71	1	26	All	School Enrollment	Attending school	1
					Not attending school	2
					Not in Universe	-
	2	27	I26-1	Public or Private School?	Public	1
					Private	2
					Not in Universe	-

-more-

I-4-5

Word	Char.	Item	Universe	Characteristics	Description	
71	3-4	28	I26-1	Grade Attending Note: The codes in parentheses are the codes for children	E1 Grade 1	01(05)
					E2 Grade 2	02(06)
					E3 Grade 3	03(07)
					E4 Grade 4	04(08)
					E5 Grade 5	05(09)
					E6 Grade 6	06(10)
					E7 Grade 7	07(11)
					E8 Grade 8	08(12)
					H1 High School 1	09(13)
					H2 High School 2	10(14)
					H3 High School 3	11(15)
					H4 High School 4	12(16)
					C1 College 1	13
					C2 College 2	14
					C3 College 3	15
					C4 College 4	16
					C5 College 5	17
					C6+ College 6+	18
					Special school	19(17)
					Not in Universe	--
	5	40	I26-13-18	College full or part time	Full time	1
					Part time	2
	6	43	AGE-14 - 34 and I26-2, or I26-1 and I26-13 - 19	Enrolled in regular school in October 1979	Yes	1
					No	2
					Not in Universe	-
72	1	44	AGE-14 - 34 and I26-2, or I26-1 and I26-13 - 19	Interviewer Check Item	Blank	-
					High School Grad	1
					Not HS grad age 14-24	2
					Not HS grad age 25+	3

I-4-6

-more-

Word	Char.	Item	Universe	Characteristics	Description	
72	2	I45	HG Attended 13C AGE 25 HGA = 13, HGC = 2, & AGE 25	What year last attended regular school	1979	1
					1978	2
					1977	3
					1976	4
					1975	5
					1974 or earlier	6
					Never attended	7
					Not in Universe	-
	3	I46	HG = 13 & HGC = 1 or HG 13	When graduated from high school	1979	2
					1978	3
					1977	4
					1976	5
					1975	6
					1974 or earlier	7
					Not in Universe	-
	4-5			PADDING		
	6 I32		Recode AGE-14 - 34	School attendance recode	Attending regular school	1
					Attending special school	2
					Not attending school	3
					Not in Universe	-
73 THRU 80	1 THRU 6			PADDING		

I-4-7

-more-

Word	Char.	Characteristics	Universe	Description	
81 THRU 88	1 THRU 6	BLANK			
89	1	Eligibility Flag[1] (beg. May 1979)	All	Not eligible Eligible	- 1
	2-3	I25A (Edited) - Usual hours worked per week?	Eligible	Hours worked	00-99
	4	I25B (Edited) - Paid by hour?	Eligible	Yes No	1 2
89 AND 90	5-6 1-2	I25C (Edited) - Earnings per hour?	I25B (Edited) = 1	Earnings per hour (2 implied decimal places)	0000-9999
	3-5	I25D (Edited, computed)[2] Earnings per week	Eligible	Earnings per week	000-999
90 THRU 91	6 THRU 6	PADDING			
92	1-3	I25D (Edited) - Usual weekly earnings	[3]	Weekly earnings	000-999
92 THRU 100	4 THRU 6	PADDING			

[1] One of the following conditions must be met for a person to be in the universe:
(1) If outgoing rotation (wd. 1, ch. 2-4 or 8) and ESR 1 or 2 (wd. 19, ch. 1-1 or 2) and edited item 23E is Private (wd. 15, ch. 3-1) and unedited item 23E is blank, private, or government (wd. 33, ch. 6-5, 6, 7, or 8)
(2) If outgoing rotation and ESR 1 or 2 and edited item 23E is Government (wd. 15, ch. 3-2)

[2] For hourly workers, computed 25A X 25C value appears here. For weekly workers, edited 25D value appears here. This field is used for tabulation purposes for weekly workers.

[3] Reported 25D value appears here for an hourly worker. If 25D was not reported for an hourly worker, the 25A X 25C computed value appears here. This field is blank for weekly workers. This field is used for tabulation purposes for hourly workers.

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ATTACHMENT I

CPS 1979 Documentation # 5

Record Layout for Children

CURRENT POPULATION SURVEY

RECORD LAYOUT FOR CHILDREN

Effective January 1979

January 1979

Word	Char.	Characteristic	Universe	Description	
1	1	Record type	All	Interview	1
	2	Month in Sample (Recoded from Month and Rotation)	All		1-8
	3	SAMPLE	All		1 (Plugged)
	4-6	Item 6 - PSU (PRIMARY SAMPLING UNIT)	All		100-999
2	1-4	Item 7 - SEGMENT NO.	All	Thousand's Digit is Rotation. Unit's Digit is Check Digit.	1000-8999
	5-6	Regional Office (From M.S.T.)	All	Atlanta	01
				Boston	02
				Charlotte	03
				Chicago	04
				Dallas	05
				Denver	06
				Detroit	07
				Los Angeles	08
				New York	09
				Philadelphia	10
				Kansas City	11
				Seattle	12

Note: Edited Household items & recodes, Master Segment items & recodes are transferred from Principal persons record to all children in Household.

Word	Char.	Characteristic	Universe	Description	
3	1-3	Noninterview Cluster (From M.S.T.)	All - National Samples Only	Grouping of PSU's for use in Noninterview adjustment weighting procedures.	001-072
	4	Region (From M.S.T.)	All	Northeast	1
				North Central	2
				South	3
				West	4
	5	Division (From M.S.T.)	All	New England	1 } Region 1
				Middle Atlantic	2
				East North Central	3 } Region 2
				West North Central	4
				South Atlantic	5 } Region 3
				East South Central	6
				West South Central	7
				Mountain	8 } Region 4
				Pacific	9
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.)	All	<u>New England Division</u>	
				Maine	11
				New Hampshire	12
				Vermont	13
				Massachusetts	14
				Rhode Island	15
				Connecticut	16
				<u>Middle Atlantic Division</u>	
				New York	21
				New Jersey	22
				Pennsylvania	23

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From M.S.T.) (Con't)	All	East North Central Division	
				Ohio	31
				Indiana	32
				Illinois	33
				Michigan	34
				Wisconsin	35
				West North Central Division	
				Minnesota	41
				Iowa	42
				Missouri	43
				North Dakota	44
				South Dakota	45
				Nebraska	46
				Kansas	47
				South Atlantic Division	
				Delaware	51
				Maryland	52
				District of Columbia	53
				Virginia	54
				West Virginia	55
				North Carolina	56
				South Carolina	57
				Georgia	58
				Florida	59
				East South Central Division	
				Kentucky	61
				Tennessee	62
				Alabama	63
				Mississippi	64

Word	Char.	Characteristic	Universe	Description	
3	5-6	State (1st digit of State Code is Division Code) (From H.S.T.) (Con't)	All	West South Central Division	
				Arkansas	71
				Louisiana	72
				Oklahoma	73
				Texas	74
				Mountain Division	
				Montana	81
				Idaho	82
				Wyoming	83
				Colorado	84
				New Mexico	85
				Arizona	86
				Utah	87
				Nevada	88
				Pacific Division	
				Washington	91
				Oregon	92
				California	93
				Alaska	94
				Hawaii	95

Word	Char.	Characteristic	Universe	Description
4	1-2	State Rankings (From M.S.T.)	All	For Jan. '72 through Dec. '72: Decodes of 1970 Ranking as follows: 00 Not among 15 largest 01 through 15 for largest states. Beginning Jan. '73: 1970 Ranking California 01 New York 02 Pennsylvania 03 Texas 04 Illinois 05 Ohio 06 Michigan 07 New Jersey 08 Florida 09 Massachusetts 10 Indiana 11 North Carolina 12 Missouri 13 Virginia 14 Georgia 15 Wisconsin 16 Tennessee 17 Maryland 18 Minnesota 19 Louisiana 20 Alabama 21 Washington 22 Kentucky 23 Connecticut 24 Iowa 25 South Carolina 26 Oklahoma 27 Kansas 28 Mississippi 29 Colorado 30

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Word	Char.	Characteristic	Universe	Description	
4	1-2	State Rankings (Con't) (From M.S.T.)	All	Oregon	31
				Arkansas	32
				Arizona	33
				West Virginia	34
				Nebraska	35
				Utah	36
				New Mexico	37
				Maine	38
				Rhode Island	39
				Hawaii	40
				District of Columbia	41
				New Hampshire	42
				Idaho	43
				Montana	44
				South Dakota	45
				North Dakota	46
				Delaware	47
				Nevada	48
				Vermont	49
				Wyoming	50
				Alaska	51

I-5-6

-more-

Word	Char.	Characteristic	Universe	Description
4	3-4	SMSA Rankings (From H.S.T.)	SMSA's	For Jan. '72 through Dec. '72: Decades of 1960 Ranking as follows: 00 = Not among 20 largest 01 through 20 for largest SMSA's Beginning Jan. '73: 1970 Ranking Not an SMSA Blank New York, N.Y. 01 Los Angeles-Long Beach, Calif. 02 Chicago, Ill. 03 Philadelphia, Pa. 04 Detroit, Mich. 05 San Francisco-Oakland, Calif. 06 Washington, D.C.-Md.-Va. 07 Boston, Mass. 08 Nassau-Suffolk, N.Y. 09 Pittsburgh, Pa. 10 St. Louis, Mo.-Ill. 11 Baltimore, Md. 12 Cleveland, Ohio 13 Houston, Texas 14 Newark, N.J. 15 Minneapolis-St. Paul, Minn. 16 Dallas, Texas 17 Seattle-Everett, Wash. 18 Anaheim-Santa Ana-Garden Grove, Calif. 19 Milwaukee, Wis. 20 Atlanta, Ga. 21 Cincinnati, Ohio 22 Paterson-Clifton-Passaic, N.J. 23 San Diego, Calif. 24 Buffalo, N.Y. 25 Miami, Fla. 26 Kansas City, Mo.-Kan. 27 Denver, Colo. 28 San Bernardino-Riverside-Ontario, Calif. 29 Indianapolis, Ind. 30

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	San Jose, Calif.	31
				New Orleans, La.	32
				Tampa-St. Petersburg, Fla.	33
				Portland, Ore.-Wash.	34
				Phoenix, Ariz.	35
				Columbus, Ohio	36
				Providence-Pawtucket-Warwick, R.I.-Mass.	37
				Rochester, N.Y.	38
				San Antonio, Texas	39
				Dayton, Ohio	40
				Louisville, Ky.-Ind.	41
				Sacramento, Calif.	42
				Memphis, Tenn.-Ark.	43
				Fort Worth, Texas	44
				Birmingham, Ala.	45
				Albany-Schenectady-Troy, N.Y.	46
				Toledo, Ohio-Mich.	47
				Norfolk-Portsmouth, Va.	48
				Akron, Ohio	49
				Hartford, Conn.	50
				Oklahoma City, Okla.	51
				Syracuse, N.Y.	52
				Gary-Hammond-East Chicago, Ind.	53
				Honolulu, Hawaii	54
				Ft. Lauderdale-Hollywood, Fla.	55
				Jersey City, N.J.	56
				Greensboro-Winston-Salem-High Point, N.C.	57
				Salt Lake City, Utah	58
				Allentown-Bethlehem-Easton, Pa.-N.J.	59
				Omaha, Nebra.-Iowa	60

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Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	Nashville, Tenn.	61
				Grand Rapids, Mich.	62
				Youngstown-Warren, Ohio	63
				Springfield-Chicopee-Holyoke, Mass.	64
				Jacksonville, Fla.	65
				Richmond, Va.	66
				Wilmington, Del.-N.J.-Md.	67
				Flint, Mich.	68
				Tulsa, Okla.	69
				Orlando, Fla.	70
				Fresno, Calif.	71
				Tacoma, Wash.	72
				Harrisburg, Pa.	73
				Charlotte, N.C.	74
				Knoxville, Tenn.	75
				Wichita, Kan.	76
				Bridgeport, Conn.	77
				Lansing, Mich.	78
				Mobile, Ala.	79
				Oxnard-Ventura, Calif.	80
				Canton, Ohio	81
				Davenport-Rock Island-Moline, Iowa-Ill.	82
				El Paso, Texas	83
				New Haven, Conn.	84
				Tucson, Ariz.	85
				West Palm Beach, Fla.	86
				Worcester, Mass.	87
				Wilkes-Barre-Hazleton, Pa.	88
				Peoria, Ill.	89
				Utica-Rome, N.Y.	90

I-5-9

Word	Char.	Characteristic	Universe	Description	
4	3-4	SMSA Rankings (Con't) (From M.S.T.)	SMSA's	York, Pa.	91
				Bakersfield, Calif.	92
				Little Rock-North Little Rock, Ark.	93
				Columbia, S.C.	94
				Lancaster, Pa.	95
				Beaumont-Port Arthur-Orange, Texas	96
				Albuquerque, N.M.	97
				Chattanooga, Tenn.-Ga.	98
				All Smaller SMSA's	99
	5	Item 1 - INTERVIEWER CHECK ITEM (From Child's record)	All	Blank or Impossible	-
				Only CPS-1 for household	1
				First CPS-1 of cont. household	2
				Second CPS-1 of cont. household	3
				Third, fourth, etc. CPS-1	4
	6	Type Non-Interview Cluster (From M.S.T.)	All	SMSA Cluster	1
				Non-SMSA Cluster	2
5	1-2	Item 8 - SERIAL NO.	All	Household designator within PSU, SEGMENT, SAMPLE group	00-99
	3	Urban/Rural (From M.S.T.)	All	Urban	1
				Rural	2
	4-6	Item 10 - INTERVIEWER CODE (From Child's record)	All	Blank or Impossible in any digit	-HA, or A[illegible]-199 (Excluding I—)

Word	Char.	Characteristic	Universe	Description	
6	1	Item 12 - LINE NO. H'HLD RESP. (From Child's record)	All	Blank or Impossible	-
					1-6
				Non H'hld Resp.	7
	2	Item 13 - TYPE INTERVIEW (From Child's record)	All	Blank	-
				Personal	2
				Tel. - Regular	3
				Tel. - Callback	4
				ICR Filled	5
	3-4	Item 11 - DATE COMPLETED (From Child's record)	All	Day of Month	— or 10-29
	5-6	PADDING			
7	1-5	PADDING			
	6	SAMPLE (From M.S.T.) Effective April 1975	All	A Sample	1
				C Sample	2
				D Sample	3
				B Sample	4

Word	Char.	Characteristic	Universe	Description	
8	1	Land Usage (Recode) (Edited using Urban/Rural Code from H.S.T. and CPS-1 Document Items 5a. and 5b-new in Feb. 76) Recode reflects "old" Farm Definition.	All	A - Urban	1
				B - Rural Farm	2
				C - Rural Farm	3
				D - Rural Nonfarm	4
				E - Rural Nonfarm	5
	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode)	All	Housing Unit	
				House, apt., flat	01
				HU in nontransient hotel, etc.	02
				HU, permanent, in trans. hotel, motel, etc.	03
				HU in rooming house	04
				Mobile home or Trailer	05
				HU not specified above	06
				Other Unit	
				Qtrs. not HU in rooming or boarding house	07
				Unit not permanent in trans. hotel, motel, etc.	08
				Tent or trailor site	09
				Other not HU	10
8	4	'New' Farm Definition (Recode) Effective February 1976. (Edited using Urban/Rural Code from H.S.T. and CPS-1 Document Items 5a. and 5b.)	All	Urban	1
				>10 Acres, $1,000 or more farm sales	2
				>10 " , $250-999 farm sales	3
				>10 " , $50-249 farm sales	4
				>10 " , <$50 farm sales	5
				<10 " , $1,000 or more farm sales	6
				<10 " , $250-999 farm sales	7
				<10 " , $50-249 farm sales	8
				<10 " , <$50 farm sales	9

Word	Char.	Characteristic	Universe	Description	
8	5	SMSA Status Code (From M.S.T.)	All	In SMSA, central city In SMSA, not central city Not in SMSA	1 2 3
	6	Item 9 - HOUSEHOLD NUMBER	All		1-8
9 through 16	3	PADDING			

Word	Char.	Characteristic	Universe	Description	
16	4-5	Item 18A - LINE NUMBER	All		00-39
	6	Item 18B - RELATIONSHIP TO HEAD OF HOUSEHOLD (Final Edited Recoded - using Relationship to Reference Person)	Child (0-13 Years)	Other relative of head (includes own child/brother sister/other relative) Non-relative-own relatives in household Non-relative-no own relatives in household	4 5 6
17	1-2	Item 18C - AGE	Child (0-13 Years)		00-13
	3	PADDING			
	4	Item 18H - RACE (Recode)	All	White Black Other	1 2 3
	5	Item 18E - SEX	All	Male Female	1 2
	6	PADDING			
18	1-3	PADDING			
	4	Program Signal	All	1 Child in Household 2 or more children in household	1 2
	5	Family Number for "Subdivided HH" (From principal person's record)	Households with duplicate PSU, Segment, Sample, & Serial Numbers	No Duplicates With Duplicates	-,0 1-9
	6	PADDING			

- more -

Word	Character	Characteristics	Universe	Description	
19	1-2	PADDING			
	3	FLAG	Children 0-13 years —	(NOTE: '0' or '1' in this position on Adult records as household indicator on non-interview records or principal person indicator on interview records.)	2 (Plugged)
	4-6	Document Count (Within Work Unit)	All		ØØ1-999
20	1-3	Work Unit Number (From Breaker Sheet)	All	If Breaker was missing	001 or ΔΔ1-999 XX Assigned
	4-5	Month	All		01-12
	6	Year - Last Digit	All		0-9
21 & 22	All	Final Weight	All	Two Understood Decimal Places. (Right justified, space fill -01)	

Word	Char.	Characteristic	Universe	Description	
23 & 24		PADDING			
25	1	Type of PSU 1/ (National) (From M.S.T.)	All	Self representing Non self representing - A & C Sample A Sample Only C Sample Only	1 2 3 4
	2	State Supplementation Type of PSU 2/ (From M.S.T.)	Records for supplemented States only	Self representing Nonself representing	1 2
	3	PADDING			
	4-6	State Supplementation Noninterview Cluster 2/ (From M.S.T.)	All	Characters 4-5 - State Code Character 6 - Cluster number of given type (SMSA, non-SMSA) within State	Same as word 3:5-6 0-9

1/ - For weighting of adult CPS File.

2/ - For supplementation weighting of adult file only.

Word	Char.	Characteristic	Universe	Description	
26	1-3	Incidence of Poverty in Area (From M.S.T. Beginning Jan. 1973)	All	RATE: Persons with income below poverty level / Total persons (To 3 Decimal places-.000-.999	000-999
	4	SMSA Size (From M.S.T. Beginning Jan. 1973 reflecting 1970 Census Population)	All	3 million+	1
				1 million-2,999,999	2
				500,000-999,999	3
				250,000-499,999	4
				Less than 250,000	5
				Not in SMSA	Blank

rd	Char.	Characteristic	Universe	Description	
	5	PADDING			
	6	Type of Segment - Beginning June 1978 (From H.S.T.)			0-9
	1-2	PADDING			
	3	Residence Recode (From H.S.T. and Items 5a. and 5b.) Reflects 'old' Farm Definition	All	Urban	1
				Rural Nonfarm	2
				Rural Farm	3

Word	Char.	Characteristics	Universe	Description	
27	4-5	PADDING			
	6	Poverty Area Code (From M.S.T. - beginning Jan. 1973)	All	Poverty Non-poverty	1 2
28 thru 47	4	PADDING			
47	5-6	PANEL NO. 1/ (From M.S.T.)	All		
48	1-5	PADDING			
	6	Item 2 - Sample (From CPS-1)		Blank A C D B	- 1 2 3 4
49	1	Item 16B - Relationship - REL. 3 (Edited using Head's Relationship to Reference Person)	Child (0-13 years old)	Own Child Brother/Sister Other relative Non-relative - own relatives Non-relative - no own relatives in household	1 2 3 4 5

1/ - For Variances Only.

ord	Char.	Characteristic	Universe	Description	
9	2-3	Item 4 - TYPE OF LIVING QUARTERS (Recode) (From child's record)	All	Blank	-
				Housing Unit	
				House, apartment, flat	01
				HU in nontransient hotel, motel, etc.	02
				HU, permanent, in transient hotel, motel, etc.	03
				HU in rooming house	04
				Mobile Home or Trailer, permanent	05
				HU not specified above	06
				Other Unit	
				Quarters not HU in rooming or boarding house	07
				HU not permanent in transient hotel, motel, etc.	08
				Tent site or trailer site	09
				Other not HU	10

d	Char.	Characteristic	Universe	Description	
	4	Item 5a - LAND USAGE (From child's record) Transcribed from C.C. (Effective February 1976)	All	Blank	-
				Urban	1
				Rural—10 acres or more	2
				Rural—Less than 10 acres	3
	5	Item 5b - FARM SALES Transcribed from C.C. (Effective February 1976) (From child's record)	All	Blank or NA	-
			Rural only	Sales $1,000 or more	1
				Sales $250-$999	2
				Sales $50-$249	3
				Sales Under $50	4
	6	Item 9 - HOUSEHOLD NO. (From child's record)	All	Blank	-
				1-8.	1-8
		PADDING			
	1-2	Line Number (Highest within household on adult records). (Used for Allocating Line no. on Child's record if Blank)	Child (0-13 Years old)		00-39

rd	Char.	Characteristic	Universe	Description	
	3-4	Item 18A - LINE NUMBER	All	00-39 Blank	00-39 40 PLUGGED (In DA
	5	Item 18B - Relationship To Reference Person - REL. 1 (FOSDIC)	Child (0-13 years old)	Blank Own Child Brother/Sister Other Relative of Ref. Person Non-relative w/own relatives Non-relative no own relatives	- 1 2 3 4 5
	6	Item 18C - AGE	Child (0-13 years old)	Blank 00-13	- 1-9, A-E

-more-

Word	Char.	Characteristic	Universe	Description	
59	1	Item 18D - Relationship - REL. 2 (Allocated from previous child's record if Blank)	Child (0-13 years old)	Own child	1
				Brother/Sister	2
				Other relative of Reference Person	3
				Non-rel. of Reference Person - with own rels. in household	4
				Non-rel. of Reference Person - No own rels. in household	5
	2	PADDING			
	3	Item 18H - RACE	All	Blank	-
				White	1
				Black	2
				American Indian, Aleut, Eskimo	3
				Asian or Pacific Islander	4
				Other	5
	4	Item 18E - SEX	All	Blank	-
				Male	1
				Female	2
	5	Relationship to Reference Person (From Adult Head's record - used for editing child's relationship)	Child (0-13 years old)	Blank	-
				No Head's record in hhld.	0
				Reference Person with other relatives in hhld.	1
				Reference Person with No other relatives in hhld.	2
				Husband	3
				Wife	4
				Own child	5
				Parent	6
				Brother/Sister	7
				Other rel. of Reference Person	8
				Non-rel. of Reference Person - with own rels. in hhld.	9
				Non-rel. of Reference Person - No own rels. in hhld.	A

Word	Char.	Characteristic	Universe	Description	
59 thru 60	6 3	PADDING			
60	4-6	1970 County or Independent City Codes (From M.S.T.) Effective July 1975 Reference for County and Independent City Codes: FIPS PUB 6-2 (Federal Information Processing Standards Publication-1973 September 15)	All		001-999
61	1-3	PADDING			
	4	TENURE (From P.P.) (Not every month)	All	Blank 6 7 8	Ignore (Binary ØØ) Owned or Being Bought Rented for cash No cash rent
	5	Total Family Income (From P.P.) (Not every month)	All	Blank Under $1,000 $1,000-1,999 $2,000-2,999 $3,000-3,999 $4,000-4,999 $5,000-5,999 $6,000-7,499 $7,500-9,999 $10,000-11,999 $12,000-14,999 $15,000-19,999 $20,000-24,999 $25,000-49,999 $50,000 and Over	Ignore (Binary ØØ) Ø 1 2 3 4 5 6 7 8 9 A B C D

Word	Char.	Characteristic	Universe	Description	
61	6	Boys (From P.P.) (Not every month)		0-9+ (Binary ØØ, if Blank)	
62	1	Girls(From P.P.) (Not every month)	All	0-9+ (Binary ØØ, if Blank)	
62 thru 68	2 5	PADDING			
68	6	Assigned PSU singal Effective July 1975	All	No assignment Correct PSU (From M.S.T.) Assigned in Data Acceptance program	Ignore (Binary ØØ) 1
69 thru 78		PADDING			
79-80		Weight from Principal Person's record	All	Two understood Decimal places, (Right justified, space fill- Ø1)	

ATTACHMENT I

CPS 1979 Documentation # 6

Education Supplement: Children's Record

Word	Char.	Item	Characteristics	Universe	Description	
			UNEDITED CPS ITEMS			
61	1-3	321-3	PADDING			
	4	324	Tenure	All	Owned	6
					Rented	7
					No Cash Rent	8
					NA	-
	5	325	Family Income	All	Under $1,000	0
					$1,000 - $1,999	1
					$2,000 - $2,999	2
					$3,000 - $3,999	3
					$4,000 - $4,999	4
					$5,000 - $5,999	5
					$6,000 - $7,499	6
					$7,500 - $9,999	7
					$10,000 - $11,999	8
					$12,000 - $14,999	9
					$15,000 - $19,999	A
					$20,000 - $24,999	B
					$25,000 - $49,999	C
					$50,000+	D
					Blank	1,
	6	326	Boys	All	0-9+ (Binary 0, if blank)	
62	1	327	Girls	All	0-9+ (Binary 3, if blank)	
62 THRU 65	2-6	328-372	PADDING			
			NOV BASIC EDITED SUPPLEMENT ITEMS			
66	1	373 51	Is the school ... attends church or not church related?	150-Private	Church Related	1
					Not Church Related	2
					NA	3
	2-5	374-752	Amount of tuition and fees	150-Private	Amount	0000-9997
					NA	9998
66 THRU 70	6	376-420	PADDING			

Word	Char.	Item	Characteristics	Universe	Description	
			BASIC EDITED SUPPLEMENT ITEMS			
71	1	428	Attending or enrolled in school?	Age 3 To 13	Yes	1
					No	2
					Not in universe	-
	2	432	Public or Private School	I48=Yes	Public	1
					Private	2
					Not in universe	-
	3-4	433-434	Grade or Year Attending	I48=Yes	Nursery, Full-Day	1
					Nursery, Half-Day	2
					Kindergarten, Full-Day	3
					Kindergarten, Half-Day	4
					E1	5
					E2	6
					E3	7
					E4	8
					E5	9
					E6	10
					E7	11
					E8	12
					HS1	13
					HS2	14
					HS3	15
					HS4	16
					Special School	17
					Not in universe	—
	5	435	Interviewer Check	All	Age 0 To 2	1
					Age 3 To 13	2
71 THRU 100	6	436	PADDING			